

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: P596598

Luminaire Tested: **MSA-SA2B-827-U-SLR**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P596598
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-SA2B-827-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: 6273 lumens
Efficiency: N/A
Efficacy: 73.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

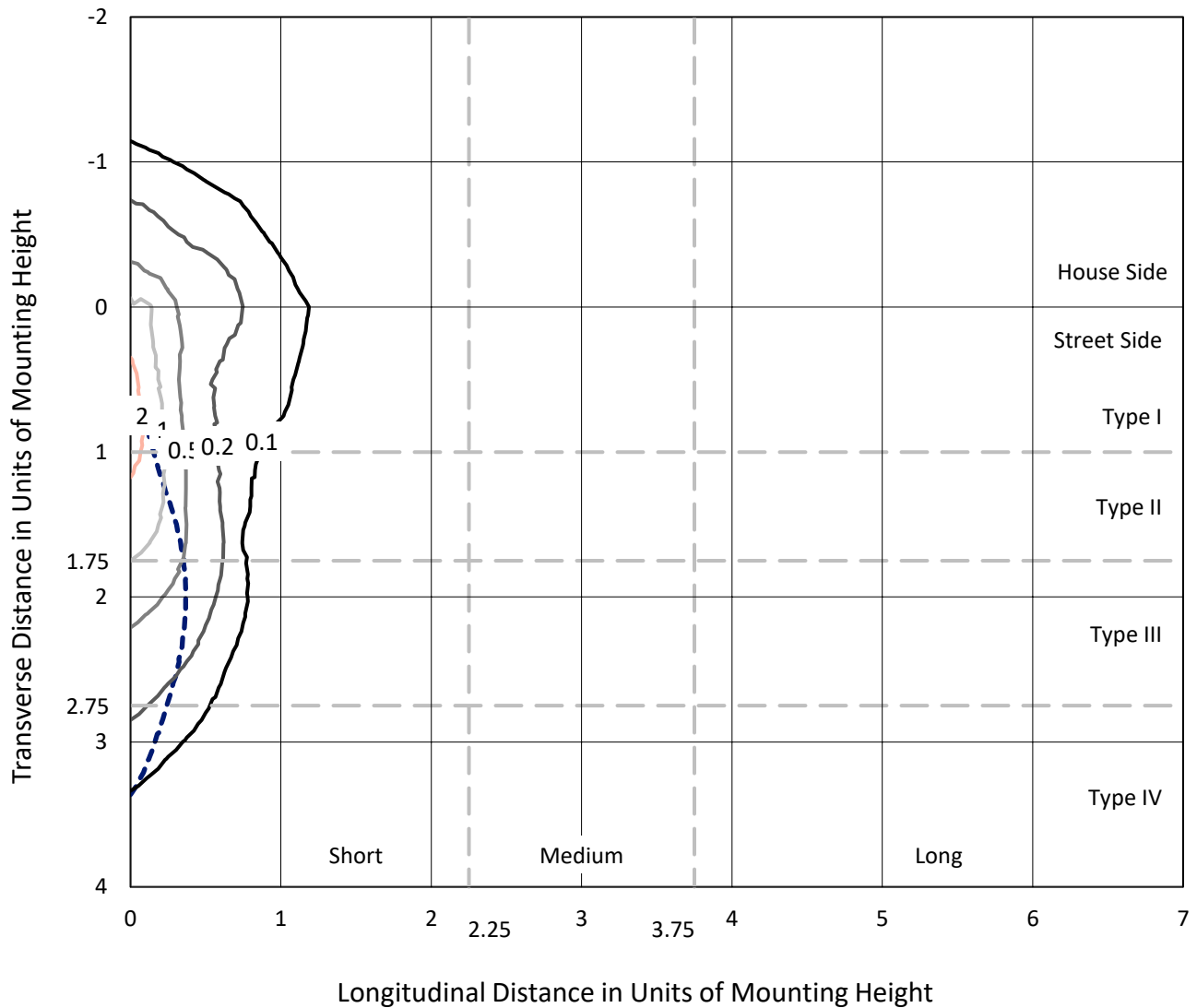
Input Watts (W): 85
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

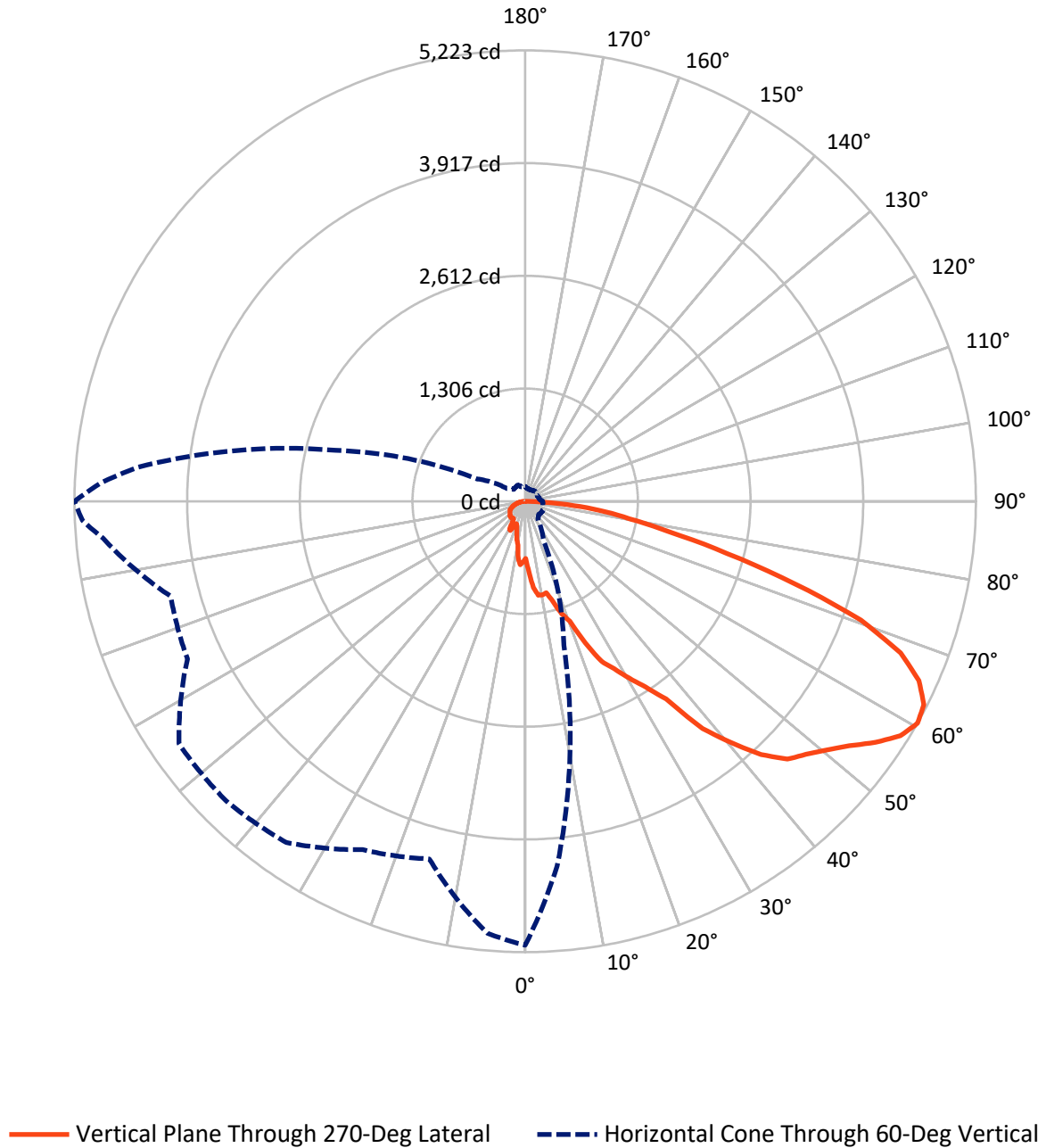
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.7 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	1214.9	0.0	1214.9
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	5058.0	0.0	5058.0
	% Fixture	80.6	0.0	80.6
Total	Lumens	6273.0	0.0	6273.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.8	1.2
10°-20°	220.4	3.5
20°-30°	389.1	6.2
30°-40°	606.0	9.7
40°-50°	997.7	15.9
50°-60°	1424.1	22.7
60°-70°	1510.0	24.1
70°-80°	834.0	13.3
80°-90°	215.8	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°	6273.0	100.0
0°-180°	6273.0	100.0

Coefficient of Utilization



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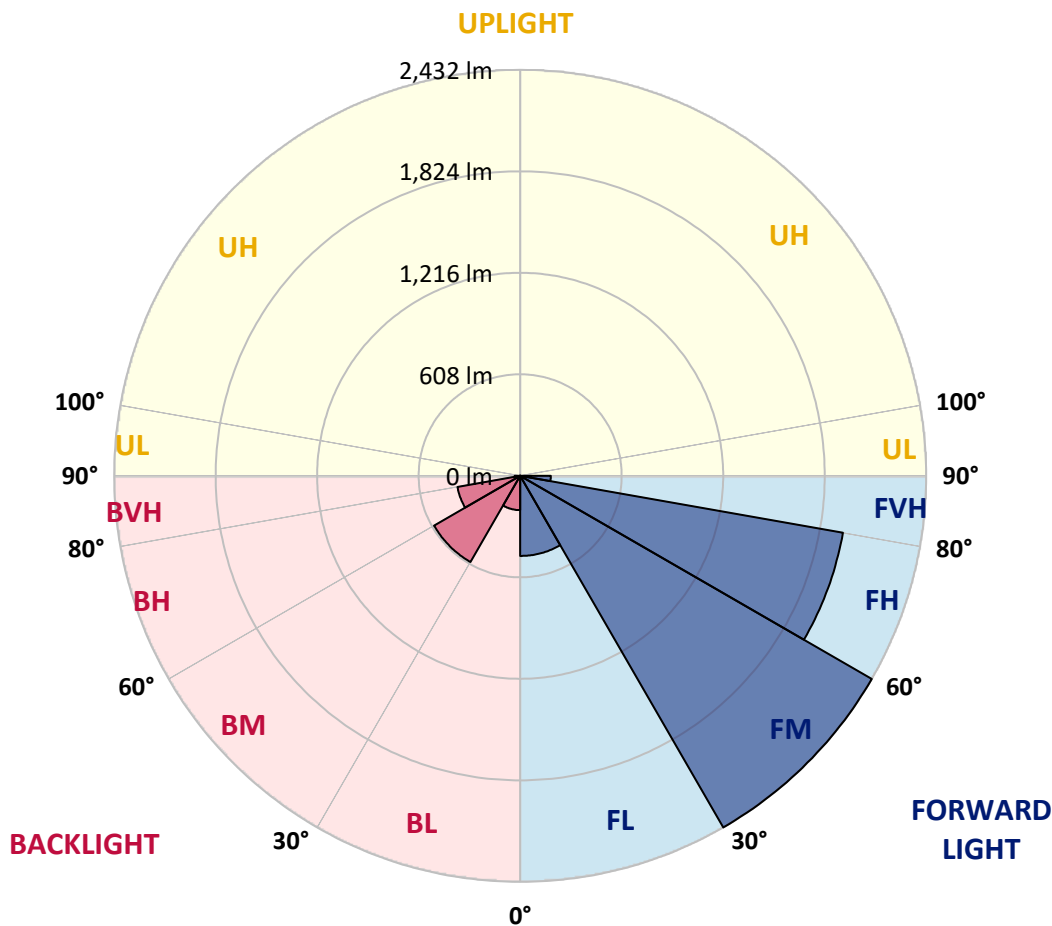
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	480.0	7.7			
FM (30°-60°)	2431.8	38.8			
FH (60°-80°)	1962.8	31.3			G2/5000
FVH (80°-90°)	183.4	2.9			G2/225
BL (0°-30°)	205.4	3.3	B1/500		
BM (30°-60°)	596.0	9.5	B1/1000		
BH (60°-80°)	381.2	6.1	B1/500		G1/500
BVH (80°-90°)	32.4	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°	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6
2.5°	886.0	891.5	896.7	886.3	876.0	865.3	855.0	839.5	823.6	808.1	792.3
5°	1064.2	1044.1	1023.7	1015.4	1007.5	999.3	991.1	983.5	975.9	967.9	960.3
7.5°	1119.9	1091.3	1062.3	1050.2	1038.0	1025.5	1013.3	985.9	958.5	930.8	903.4
10°	1058.7	1028.8	998.7	986.8	974.6	962.8	950.6	917.1	883.9	850.4	816.9
12.5°	1108.0	1077.6	1046.8	1009.1	971.3	933.2	895.5	876.9	858.3	839.5	820.9
15°	1155.5	1114.4	1073.0	1035.2	997.5	959.4	921.7	884.5	847.4	810.2	773.1
17.5°	1329.1	1260.6	1192.0	1123.8	1055.3	987.1	918.6	875.7	832.5	789.5	746.3
20°	1540.7	1445.4	1349.8	1246.2	1142.4	1038.9	935.1	880.9	827.0	772.8	718.6
22.5°	1792.5	1672.2	1551.9	1421.3	1290.7	1159.8	1029.1	950.6	872.0	793.2	714.6
25°	1992.5	1876.8	1761.1	1595.5	1429.8	1264.2	1098.6	1009.4	920.1	830.6	741.4
27.5°	2186.8	2002.6	1818.1	1628.4	1439.0	1249.3	1059.6	977.1	894.6	812.1	729.5
30°	2350.9	2204.7	2058.6	1811.1	1563.5	1315.7	1068.1	966.7	865.3	763.9	662.6
32.5°	2591.1	2382.6	2173.7	1915.5	1657.3	1399.1	1140.9	1011.2	881.5	751.8	622.1
35°	2872.2	2655.4	2438.6	2119.2	1800.1	1480.7	1161.3	1024.0	886.3	749.0	611.4
37.5°	3396.2	3014.1	2631.6	2283.0	1934.4	1585.4	1236.8	1077.3	917.7	757.9	598.3
40°	3685.1	3331.9	2978.7	2544.2	2109.8	1675.0	1240.5	1077.3	913.7	750.5	587.0
42.5°	4070.3	3623.6	3176.7	2706.8	2237.3	1767.5	1297.7	1116.8	936.0	754.8	573.9
45°	4305.1	3807.2	3309.1	2807.0	2304.9	1802.8	1300.7	1117.1	933.5	749.9	566.3
47.5°	4456.4	3978.4	3500.0	2959.6	2419.1	1878.3	1337.9	1143.0	947.9	753.0	557.8
50°	4599.8	4126.3	3652.6	3091.4	2530.5	1969.4	1408.2	1195.4	982.6	769.4	556.6
52.5°	4775.8	4339.8	3903.5	3301.5	2699.2	2097.3	1495.0	1263.3	1031.6	799.9	568.2
55°	5031.9	4602.2	4172.3	3526.2	2879.8	2233.7	1587.3	1330.0	1073.0	815.7	558.4
57.5°	5197.8	4762.1	4326.4	3667.5	3008.6	2349.4	1690.5	1405.5	1120.5	835.2	550.2
60°	5142.7	4693.3	4243.6	3615.4	2987.3	2359.1	1731.0	1423.1	1115.6	807.8	500.0
62.5°	4899.1	4421.4	3943.6	3381.0	2818.6	2255.9	1693.2	1380.2	1067.5	754.5	441.5
65°	4558.7	4064.8	3570.7	3063.1	2555.5	2047.9	1540.4	1256.3	971.9	687.8	403.4
67.5°	4140.9	3626.1	3110.9	2661.5	2212.1	1762.3	1312.9	1075.4	838.2	600.7	363.2
70°	3616.9	3110.9	2604.8	2216.0	1827.2	1438.4	1049.5	870.8	692.4	513.7	334.9
72.5°	2907.2	2470.6	2033.9	1727.9	1421.9	1115.9	809.9	685.7	561.8	437.5	313.3
75°	2067.7	1811.1	1554.4	1316.3	1078.2	839.8	601.7	521.3	440.9	360.5	280.1
77.5°	1469.4	1318.1	1166.8	980.1	793.5	606.8	420.2	373.0	326.1	278.9	231.7
80°	1086.4	960.0	833.7	693.0	552.3	411.7	271.0	247.8	225.0	201.9	178.7
82.5°	715.2	658.3	601.0	489.6	378.2	266.7	155.3	146.8	138.2	129.7	121.2
85°	320.3	338.3	355.9	287.7	219.2	151.0	82.5	78.6	74.6	70.6	66.7
87.5°	30.8	45.4	60.0	51.5	42.6	34.1	25.3	25.0	25.0	24.7	24.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6
2.5°	796.5	800.8	805.0	809.3	804.7	800.2	795.3	790.7	785.0	779.2	773.1
5°	947.5	934.5	921.7	908.6	889.1	869.6	849.8	830.3	827.9	825.1	822.7
7.5°	879.3	855.6	831.5	807.5	777.0	746.9	716.4	686.0	676.9	667.7	658.6
10°	800.8	784.3	768.2	751.8	732.9	714.0	694.8	675.9	651.0	625.7	600.7
12.5°	794.1	767.3	740.2	713.4	701.8	690.3	678.7	667.1	645.2	623.3	601.0
15°	751.5	729.5	707.9	686.0	669.3	652.5	635.8	619.0	601.4	583.4	565.7
17.5°	721.3	696.3	671.4	646.4	627.2	608.0	588.6	569.4	548.1	526.4	505.1
20°	690.0	661.6	633.0	604.4	580.0	556.0	531.6	507.3	483.8	460.7	437.2
22.5°	677.2	639.7	602.3	564.8	539.2	513.4	487.8	461.9	440.3	418.7	397.0
25°	696.7	652.2	607.4	562.7	528.3	493.6	459.2	424.4	406.5	388.5	370.2
27.5°	673.8	617.8	562.1	506.0	469.2	432.1	395.2	358.1	355.3	352.6	349.5
30°	603.8	545.0	486.3	427.5	393.7	359.6	325.8	291.7	285.3	278.6	272.2
32.5°	562.1	502.1	442.1	382.1	352.0	321.5	291.4	260.9	253.6	246.3	239.0
35°	546.2	481.1	415.9	350.8	324.9	299.0	273.1	247.2	242.1	237.2	232.0
37.5°	533.5	468.9	404.0	339.2	314.2	289.3	264.0	239.0	235.1	231.1	227.1
40°	521.3	455.8	390.0	324.3	302.0	280.1	257.9	235.7	233.2	230.8	228.1
42.5°	510.3	446.7	382.7	319.1	299.3	279.8	260.0	240.2	237.8	235.4	232.9
45°	504.2	442.1	380.0	317.9	303.6	289.3	274.6	260.3	254.5	248.8	242.7
47.5°	499.7	441.5	383.3	325.2	310.3	295.3	280.4	265.5	260.3	255.2	249.7
50°	500.6	444.8	388.8	332.8	314.8	296.6	278.6	260.3	259.7	259.1	258.5
52.5°	508.8	449.7	390.3	331.0	311.5	292.0	272.2	252.7	256.7	260.3	264.3
55°	496.9	435.4	373.6	312.1	293.5	275.3	256.7	238.1	243.3	248.2	253.3
57.5°	483.5	416.8	350.2	283.5	269.5	255.5	241.1	227.1	232.6	238.4	243.9
60°	439.1	378.2	317.3	256.4	246.9	237.5	228.1	218.6	221.1	223.5	225.9
62.5°	390.3	338.9	287.7	236.3	229.0	221.4	214.1	206.4	206.4	206.7	206.7
65°	359.3	315.1	271.0	226.8	218.6	210.4	201.9	193.7	192.4	191.2	190.0
67.5°	328.2	293.5	258.5	223.5	211.6	200.0	188.2	176.3	174.8	173.6	172.0
70°	303.9	272.8	241.8	210.7	197.3	184.2	170.8	157.4	156.2	155.3	154.1
72.5°	284.1	255.2	225.9	196.7	182.7	168.4	154.4	140.1	139.1	138.2	137.0
75°	254.2	228.7	202.8	176.9	163.2	149.8	136.1	122.4	121.2	120.3	119.1
77.5°	210.4	188.8	167.5	145.8	135.2	124.8	114.2	103.5	102.9	102.3	101.4
80°	162.0	145.2	128.2	111.4	104.4	97.1	90.1	82.8	82.5	82.2	81.6
82.5°	111.1	101.1	91.0	81.0	75.8	70.3	65.2	59.7	60.0	60.3	60.6
85°	63.3	59.7	56.3	52.7	48.4	44.5	40.2	35.9	36.8	37.8	38.4
87.5°	23.1	21.9	20.7	19.5	17.4	15.5	13.4	11.3	11.9	12.8	13.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P596598
 CATALOG NUMBER: MSA-SA2B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6
2.5°	767.3	758.2	749.0	739.9	730.8	711.9	693.3	674.4	655.5	667.1	679.0
5°	820.0	804.4	788.6	773.1	757.2	748.4	739.6	730.8	721.9	726.5	731.4
7.5°	649.5	640.3	630.9	621.8	612.3	608.4	604.7	600.7	596.8	608.0	619.3
10°	575.5	562.7	549.9	536.8	524.0	516.4	508.8	501.2	493.6	496.6	499.7
12.5°	579.1	560.2	541.4	522.5	503.6	492.3	481.1	469.8	458.5	461.3	464.0
15°	547.8	528.3	508.8	489.3	469.8	456.7	443.3	430.2	416.8	412.3	407.4
17.5°	483.5	462.2	440.9	419.6	398.3	389.4	380.6	371.8	362.9	358.1	353.2
20°	413.8	394.0	374.2	354.4	334.6	328.5	322.4	316.1	310.0	306.9	303.6
22.5°	375.4	363.2	350.8	338.6	326.1	319.1	312.4	305.4	298.4	295.0	291.4
25°	352.3	354.7	357.5	359.9	362.3	359.3	355.9	352.9	349.5	350.8	351.7
27.5°	346.8	352.0	357.5	362.6	367.8	370.6	373.3	376.0	378.8	379.7	380.6
30°	265.5	268.2	270.7	273.4	275.9	283.5	291.1	298.4	306.0	317.9	330.1
32.5°	231.7	230.8	229.9	228.7	227.8	229.6	231.4	232.9	234.8	239.0	243.6
35°	226.8	224.7	222.3	220.1	217.7	218.6	219.5	220.4	221.4	224.7	228.1
37.5°	223.2	222.3	221.7	220.7	219.8	222.0	223.8	225.9	227.8	230.5	233.2
40°	225.6	225.3	225.0	224.4	224.1	225.3	226.5	227.8	229.0	232.6	236.3
42.5°	230.5	230.5	230.2	230.2	229.9	231.1	232.0	233.2	234.1	236.3	238.4
45°	236.9	236.3	236.0	235.4	234.8	234.5	234.5	234.1	233.8	235.1	236.6
47.5°	244.5	242.4	239.9	237.8	235.4	234.8	233.8	233.2	232.3	232.9	233.5
50°	257.9	252.1	246.6	240.8	235.1	233.5	232.0	230.5	229.0	228.7	228.7
52.5°	267.9	259.4	250.9	242.4	233.8	231.1	228.4	225.6	222.9	222.3	222.0
55°	258.2	251.8	245.7	239.3	232.9	229.0	224.7	220.7	216.5	215.6	214.7
57.5°	249.4	245.4	241.5	237.5	233.5	229.6	225.3	221.4	217.1	215.0	212.8
60°	228.4	228.4	228.7	228.7	228.7	224.4	220.1	215.9	211.6	209.5	207.7
62.5°	206.7	210.1	213.1	216.5	219.5	213.7	207.7	201.9	195.8	194.3	193.0
65°	188.8	189.7	190.9	191.8	192.7	188.2	183.6	179.0	174.5	173.6	172.3
67.5°	170.5	170.2	169.9	169.3	169.0	166.2	163.2	160.5	157.4	156.2	155.0
70°	152.8	152.5	152.2	151.6	151.3	148.9	146.5	144.0	141.6	140.7	139.8
72.5°	136.1	135.8	135.2	134.9	134.3	132.1	130.3	128.2	126.1	124.8	123.6
75°	117.8	117.2	116.6	116.0	115.4	113.6	111.7	109.6	107.8	106.6	105.4
77.5°	100.8	99.9	99.0	97.7	96.8	95.3	93.5	92.0	90.1	88.6	87.4
80°	81.3	80.7	80.1	79.2	78.6	77.0	75.5	73.7	72.2	70.3	68.8
82.5°	60.9	60.6	60.0	59.7	59.1	57.5	56.0	54.5	53.0	51.2	49.3
85°	39.3	39.0	38.7	38.4	38.1	36.8	35.9	34.7	33.5	31.7	30.1
87.5°	14.0	13.4	13.1	12.5	11.9	11.6	11.0	10.7	10.0	9.1	8.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596598
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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: P596598

CATALOG NUMBER: MSA-SA2B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6
2.5°	690.6	702.1	702.4	702.4	707.9	713.1	702.4	691.8	680.8	670.2	659.5
5°	735.9	740.5	739.3	737.8	731.1	724.4	717.4	710.4	703.4	696.3	696.7
7.5°	630.6	641.8	651.0	659.8	651.3	642.8	638.2	633.6	629.1	624.5	623.9
10°	502.4	505.4	509.1	512.4	507.3	501.8	510.9	520.1	528.9	538.0	528.0
12.5°	466.8	469.5	463.1	456.4	454.3	452.2	450.0	447.6	445.5	443.0	441.8
15°	402.8	398.0	393.1	387.9	386.7	385.2	383.6	381.8	380.3	378.5	373.0
17.5°	348.3	343.5	335.2	326.7	323.4	319.7	318.8	317.9	316.7	315.7	310.6
20°	300.5	297.2	295.0	292.6	289.3	285.9	282.6	279.2	275.6	272.2	267.3
22.5°	288.0	284.4	281.6	278.6	278.0	277.4	271.3	264.9	258.8	252.4	249.7
25°	352.9	353.8	337.1	320.0	318.5	317.0	306.0	294.7	283.8	272.5	263.1
27.5°	381.2	382.1	381.5	380.9	376.0	370.9	352.3	333.4	314.8	296.0	282.6
30°	341.9	353.8	358.4	362.9	359.6	355.9	336.5	317.3	297.8	278.3	269.5
32.5°	247.8	252.1	259.7	267.0	271.0	274.6	268.6	262.5	256.4	250.3	248.8
35°	231.1	234.5	236.0	237.5	235.1	232.6	228.1	223.5	218.6	214.1	213.1
37.5°	235.7	238.4	241.5	244.5	237.8	230.8	225.6	220.7	215.6	210.4	206.1
40°	239.9	243.6	245.4	247.2	240.5	233.8	227.4	221.4	215.0	208.6	204.3
42.5°	240.5	242.7	246.0	249.4	239.9	230.2	224.4	218.3	212.5	206.4	202.2
45°	237.8	239.0	242.1	245.1	234.1	222.9	217.7	212.2	207.0	201.6	197.9
47.5°	233.8	234.5	236.9	239.0	227.4	215.6	210.7	205.8	200.7	195.8	192.1
50°	228.4	228.1	229.9	231.4	219.5	207.7	202.8	198.2	193.3	188.5	185.4
52.5°	221.4	220.7	222.6	224.1	211.6	199.1	194.9	190.9	186.6	182.4	179.9
55°	213.4	212.5	214.1	215.6	203.4	190.9	187.3	183.3	179.6	175.7	173.6
57.5°	210.4	208.3	209.2	210.1	196.4	182.7	179.0	175.4	171.7	168.1	166.6
60°	205.5	203.4	204.3	204.9	190.3	175.4	172.0	168.4	165.0	161.4	159.9
62.5°	191.5	190.0	191.2	192.4	179.3	165.9	162.9	160.2	157.1	154.1	151.9
65°	171.4	170.2	172.6	175.1	163.8	152.5	150.7	148.9	146.8	144.9	142.8
67.5°	153.8	152.5	155.0	157.4	149.2	141.0	139.1	137.3	135.5	133.7	132.4
70°	138.8	137.9	140.1	142.2	135.2	128.2	126.4	124.8	123.0	121.2	120.3
72.5°	122.1	120.9	123.6	126.1	120.3	114.2	112.7	110.8	109.3	107.5	106.9
75°	104.1	102.9	105.4	107.5	103.5	99.3	97.7	96.2	94.7	93.2	92.9
77.5°	85.9	84.3	86.8	88.9	86.5	83.7	82.5	81.0	79.8	78.3	78.3
80°	67.0	65.2	67.0	68.5	67.6	66.7	65.8	64.6	63.6	62.4	62.7
82.5°	47.5	45.7	46.6	47.5	48.1	48.7	48.7	48.7	48.7	48.7	48.7
85°	28.3	26.5	26.8	27.1	28.0	28.9	29.2	29.5	29.8	30.1	30.4
87.5°	7.3	6.4	5.8	4.9	5.8	6.4	7.0	7.3	7.9	8.2	8.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596598
 CATALOG NUMBER: MSA-SA2B-827-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: P596598
 CATALOG NUMBER: MSA-SA2B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6
2.5°	648.8	637.9	627.2	633.9	640.3	647.0	653.4	653.7	653.7	654.0	654.0
5°	697.3	697.6	697.9	691.5	685.4	679.0	672.6	669.3	665.9	662.2	658.9
7.5°	623.0	622.4	621.4	615.4	609.3	603.2	597.1	582.5	567.6	552.9	538.0
10°	517.6	507.6	497.2	494.8	492.7	490.2	487.8	483.8	480.2	476.2	472.3
12.5°	440.6	439.4	438.1	431.8	425.4	418.7	412.3	412.3	412.3	412.3	412.3
15°	367.2	361.7	355.9	352.9	349.5	346.5	343.2	341.6	340.1	338.6	337.1
17.5°	305.1	299.9	294.4	293.8	293.2	292.6	292.0	290.5	289.0	287.4	285.9
20°	262.5	257.6	252.7	254.5	256.4	257.9	259.7	258.2	256.7	254.9	253.3
22.5°	246.6	243.9	240.8	239.3	237.8	236.0	234.5	234.5	234.8	234.8	234.8
25°	253.9	244.5	235.1	230.5	225.9	221.1	216.5	214.7	213.1	211.3	209.5
27.5°	269.2	255.5	242.1	234.1	226.2	218.3	210.4	207.0	203.4	200.0	196.4
30°	260.3	251.5	242.4	233.2	224.1	215.0	205.8	201.6	197.3	192.7	188.5
32.5°	247.2	245.4	243.9	235.4	226.8	218.0	209.5	207.7	206.1	204.3	202.5
35°	211.9	211.0	209.8	207.7	205.5	203.4	201.3	198.8	196.4	194.0	191.5
37.5°	202.2	197.9	193.7	192.7	191.8	190.9	190.0	189.1	188.2	187.0	186.0
40°	200.0	195.8	191.5	190.0	188.5	186.6	185.1	185.4	186.0	186.3	186.6
42.5°	197.6	193.3	188.8	187.6	186.3	185.1	183.9	184.2	184.8	185.1	185.4
45°	194.6	190.9	187.3	185.1	183.3	181.2	179.0	180.9	182.7	184.2	186.0
47.5°	188.5	184.5	180.9	179.6	178.4	176.9	175.7	177.5	179.3	180.9	182.7
50°	182.1	179.0	175.7	175.4	175.1	174.5	174.2	175.4	176.6	177.8	179.0
52.5°	177.2	174.8	172.0	172.0	171.7	171.7	171.4	172.6	173.9	174.8	176.0
55°	171.7	169.6	167.5	167.8	168.4	168.7	169.0	170.2	171.7	172.9	174.2
57.5°	164.7	163.2	161.4	162.6	163.5	164.7	165.6	166.6	167.8	168.7	169.6
60°	158.0	156.5	154.7	155.9	157.4	158.6	159.9	160.8	161.7	162.6	163.5
62.5°	149.8	147.4	145.2	147.1	148.6	150.4	151.9	152.5	153.5	154.1	154.7
65°	141.0	138.8	136.7	137.9	139.1	140.1	141.3	142.2	143.1	144.0	144.9
67.5°	130.9	129.7	128.2	129.1	130.0	130.9	131.8	132.1	132.1	132.4	132.4
70°	119.1	118.1	116.9	117.5	118.4	119.1	119.7	119.7	119.7	119.4	119.4
72.5°	106.6	106.0	105.4	105.7	106.3	106.6	106.9	106.6	106.3	106.0	105.7
75°	92.6	92.3	92.0	92.3	92.9	93.2	93.5	93.2	92.6	92.3	91.6
77.5°	78.6	78.6	78.6	78.6	78.9	78.9	78.9	78.3	77.6	77.0	76.4
80°	63.0	63.3	63.6	63.6	63.6	63.6	63.6	63.0	62.4	61.5	60.9
82.5°	48.7	48.7	48.7	48.7	49.0	49.0	49.0	47.5	46.3	44.8	43.2
85°	30.4	30.8	30.8	31.1	31.4	31.4	31.7	29.5	27.7	25.6	23.4
87.5°	8.2	8.2	8.2	8.2	8.2	7.9	7.9	6.1	4.0	2.1	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



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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: P596598

CATALOG NUMBER: MSA-SA2B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6
2.5°	655.9	657.7	659.2	661.0	661.3	661.6	661.6	661.9	655.5	649.2	642.5
5°	663.5	667.7	672.3	676.6	675.6	674.7	673.8	672.9	671.1	669.6	667.7
7.5°	534.7	531.6	528.3	524.9	527.7	530.4	533.1	535.9	537.1	538.3	539.2
10°	464.6	457.0	449.4	441.8	437.5	433.0	428.7	424.1	423.5	423.2	422.6
12.5°	404.4	396.1	388.2	380.0	377.6	374.8	372.4	369.6	372.1	374.5	376.6
15°	333.7	330.7	327.3	324.0	326.7	329.4	332.2	334.9	337.4	339.5	341.9
17.5°	284.4	283.2	281.6	280.1	282.6	285.3	287.7	290.2	295.7	301.1	306.6
20°	252.1	251.2	250.0	248.8	247.8	246.6	245.7	244.5	252.4	260.0	267.9
22.5°	232.9	231.1	229.3	227.4	227.8	228.1	228.1	228.4	234.8	241.5	247.8
25°	208.9	208.3	207.7	207.0	208.9	210.7	212.2	214.1	219.8	225.6	231.1
27.5°	196.7	197.0	197.3	197.6	200.0	202.8	205.2	207.7	211.6	215.6	219.5
30°	190.0	191.8	193.3	194.9	195.8	196.7	197.6	198.5	202.5	206.1	210.1
32.5°	200.0	197.6	194.9	192.4	193.7	195.2	196.4	197.6	201.3	204.9	208.6
35°	190.6	189.4	188.5	187.3	188.8	190.3	191.5	193.0	196.4	199.4	202.8
37.5°	185.7	185.4	185.1	184.8	185.7	186.6	187.3	188.2	191.2	194.3	197.0
40°	185.4	183.9	182.7	181.2	182.1	183.0	183.6	184.5	188.2	191.8	195.5
42.5°	183.6	181.8	179.6	177.8	178.7	179.9	180.9	181.8	185.7	189.4	193.3
45°	183.3	180.6	177.5	174.8	176.0	177.2	178.4	179.6	182.7	185.7	188.5
47.5°	179.9	177.2	174.5	171.7	172.3	172.9	173.2	173.9	176.6	179.0	181.8
50°	177.2	175.1	173.2	171.1	170.2	169.6	168.7	167.8	169.9	172.0	174.2
52.5°	173.9	171.7	169.3	167.2	165.9	164.7	163.5	162.3	164.1	165.6	167.5
55°	171.7	169.0	166.6	163.8	162.3	160.8	159.2	157.7	158.9	159.9	161.1
57.5°	167.2	164.7	162.0	159.5	157.7	155.9	153.8	151.9	152.5	153.2	153.8
60°	161.1	158.3	155.9	153.2	151.0	148.9	146.5	144.3	144.6	145.2	145.5
62.5°	152.2	149.8	147.1	144.6	142.2	140.1	137.6	135.2	135.8	136.1	136.7
65°	142.5	139.8	137.3	134.6	132.4	130.3	127.9	125.8	126.4	127.0	127.3
67.5°	130.6	128.5	126.7	124.5	122.7	120.6	118.7	116.6	116.9	117.2	117.5
70°	117.8	116.0	114.5	112.7	111.1	109.6	108.1	106.6	106.6	106.9	106.9
72.5°	104.1	102.6	101.1	99.6	98.0	96.8	95.3	93.8	94.4	95.0	95.3
75°	90.1	88.9	87.4	85.9	84.6	83.4	81.9	80.7	81.3	81.9	82.2
77.5°	75.5	74.6	73.4	72.5	71.2	70.0	68.5	67.3	67.9	68.5	68.8
80°	60.3	59.7	58.8	58.2	56.9	55.7	54.5	53.3	53.6	53.6	53.9
82.5°	43.5	43.8	43.8	44.1	43.2	42.0	41.1	39.9	39.9	39.9	39.6
85°	24.4	25.6	26.5	27.4	26.5	25.6	24.7	23.7	23.4	23.4	23.1
87.5°	0.9	1.5	2.4	3.0	2.7	2.4	1.8	1.5	1.8	2.1	2.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596598
 CATALOG NUMBER: MSA-SA2B-827-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: P596598
 CATALOG NUMBER: MSA-SA2B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6
2.5°	636.1	641.2	646.4	651.6	656.8	664.7	672.6	680.8	689.0	684.5	679.6
5°	665.9	668.9	672.3	675.3	678.4	687.2	695.7	706.4	716.7	715.5	714.0
7.5°	540.5	544.7	549.0	552.9	557.2	570.6	584.0	595.3	606.5	605.0	603.2
10°	422.0	430.8	440.0	448.8	457.6	468.6	479.3	488.7	498.1	514.0	529.5
12.5°	379.1	392.8	406.5	420.2	433.9	441.8	449.4	461.6	473.8	482.3	491.1
15°	344.1	356.9	369.6	382.4	395.2	395.8	396.4	409.2	422.0	429.3	436.3
17.5°	312.1	319.1	326.1	332.8	339.8	337.4	334.9	341.0	346.8	349.8	353.2
20°	275.6	280.4	285.3	290.2	295.0	298.4	301.4	305.1	308.4	305.4	302.0
22.5°	254.2	261.5	269.2	276.5	283.8	285.9	287.7	285.6	283.5	282.6	281.6
25°	236.9	245.7	254.9	263.7	272.5	276.8	281.0	282.9	284.4	281.0	277.7
27.5°	223.5	234.1	244.5	255.2	265.5	273.1	280.7	282.9	284.7	282.3	279.5
30°	213.7	225.3	236.9	248.5	260.0	271.6	282.9	292.9	302.7	301.7	300.8
32.5°	212.2	220.1	228.1	236.0	243.9	251.2	258.2	258.8	259.1	256.7	253.9
35°	205.8	211.0	216.2	221.4	226.5	231.1	235.4	234.8	234.1	231.7	229.3
37.5°	200.0	205.2	210.7	215.9	221.1	229.0	236.6	235.1	233.2	230.8	228.4
40°	199.1	204.9	210.7	216.2	222.0	229.3	236.6	235.1	233.5	230.5	227.4
42.5°	197.0	202.8	208.3	214.1	219.5	228.4	236.9	234.1	231.1	228.7	226.2
45°	191.5	196.7	201.9	207.0	212.2	221.7	231.1	227.8	224.4	223.5	222.3
47.5°	184.2	189.4	194.6	199.7	204.9	214.4	223.5	220.7	217.7	217.4	216.8
50°	176.3	181.2	186.3	191.2	196.1	205.5	214.7	212.2	209.8	210.1	210.1
52.5°	169.0	173.6	177.8	182.4	186.6	196.1	205.2	203.4	201.3	201.9	202.2
55°	162.0	165.6	169.3	172.9	176.6	185.7	194.9	192.1	189.4	190.3	191.2
57.5°	154.4	157.4	160.5	163.2	166.2	175.4	184.2	181.2	177.8	179.3	180.6
60°	145.8	148.6	151.3	153.8	156.5	164.7	172.6	169.9	166.9	169.0	170.8
62.5°	137.0	139.1	141.3	143.4	145.5	153.2	160.8	158.6	156.5	158.9	161.1
65°	127.9	129.4	131.2	132.8	134.3	141.6	148.6	147.1	145.5	147.7	149.8
67.5°	117.8	119.1	120.6	121.8	123.0	129.7	136.4	134.9	133.1	134.9	136.4
70°	106.9	108.1	109.0	110.2	111.1	117.2	123.3	121.2	118.7	120.6	122.1
72.5°	95.9	96.5	97.4	98.0	98.7	103.2	107.8	106.0	104.1	106.0	107.5
75°	82.8	83.4	84.0	84.6	85.3	89.2	92.9	90.7	88.3	90.1	92.0
77.5°	69.4	69.7	70.3	70.6	70.9	73.7	76.1	74.0	71.6	73.7	75.8
80°	53.9	54.2	54.5	54.5	54.8	55.7	56.6	55.1	53.3	56.0	58.8
82.5°	39.6	39.3	39.3	39.0	38.7	38.7	38.4	37.5	36.2	38.7	41.1
85°	22.8	22.5	21.9	21.6	21.0	20.1	19.2	18.9	18.6	20.7	22.8
87.5°	2.4	2.1	1.5	1.2	0.6	0.3	0.0	0.0	0.0	1.2	2.7
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: P596598
 CATALOG NUMBER: MSA-SA2B-827-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: P596598
 CATALOG NUMBER: MSA-SA2B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6
2.5°	675.0	670.2	665.6	661.0	656.5	651.9	660.4	668.9	677.5	686.0	693.6
5°	712.8	711.3	707.3	703.7	699.7	695.7	697.9	700.3	702.4	704.6	709.1
7.5°	601.7	599.8	608.4	616.6	625.1	633.3	635.5	637.3	639.4	641.2	640.0
10°	545.3	560.9	564.8	568.5	572.4	576.1	582.2	588.3	594.0	600.1	603.5
12.5°	499.7	508.2	522.2	536.5	550.5	564.5	573.6	582.8	591.9	601.0	619.9
15°	443.6	450.6	461.3	471.9	482.6	493.3	506.4	519.7	532.8	545.9	566.6
17.5°	356.2	359.3	367.2	375.1	382.7	390.6	408.3	425.7	443.3	460.7	484.4
20°	299.0	295.7	295.7	296.0	296.0	296.0	313.6	331.0	348.6	366.0	397.3
22.5°	280.4	279.5	276.2	272.5	269.2	265.5	274.6	284.1	293.2	302.3	327.9
25°	274.0	270.7	266.4	262.2	257.9	253.6	259.4	265.2	271.0	276.8	296.9
27.5°	277.1	274.3	276.5	278.3	280.4	282.3	284.1	285.9	287.7	289.6	296.6
30°	299.9	299.0	302.3	305.4	308.7	311.8	307.5	303.6	299.3	295.0	297.5
32.5°	251.5	248.8	247.5	246.3	245.1	243.9	243.6	243.3	242.7	242.4	247.8
35°	226.8	224.4	222.6	220.7	218.6	216.8	217.7	218.3	219.2	219.8	225.9
37.5°	225.9	223.5	221.4	219.2	216.8	214.7	215.6	216.8	217.7	218.6	223.2
40°	224.4	221.4	220.1	218.9	217.7	216.5	217.1	217.7	218.0	218.6	222.0
42.5°	223.5	221.1	220.4	219.8	219.2	218.6	219.2	219.8	220.1	220.7	224.7
45°	221.4	220.1	220.7	221.4	222.0	222.6	222.6	222.6	222.6	222.6	226.8
47.5°	216.5	215.9	217.7	219.5	221.4	223.2	226.2	229.3	232.0	235.1	236.0
50°	210.4	210.4	213.4	216.5	219.2	222.3	229.6	236.6	243.9	250.9	246.3
52.5°	202.8	203.1	207.7	211.9	216.5	220.7	227.4	234.1	240.5	247.2	240.5
55°	191.8	192.7	198.5	204.0	209.8	215.3	220.4	225.6	230.8	236.0	229.0
57.5°	182.1	183.3	189.4	195.2	201.3	207.0	210.1	213.4	216.5	219.5	215.0
60°	172.9	174.8	182.7	190.6	198.2	206.1	203.7	201.3	198.5	196.1	195.8
62.5°	163.5	165.6	172.9	180.3	187.3	194.6	190.9	187.3	183.3	179.6	181.2
65°	151.6	153.8	157.1	160.5	163.5	166.9	166.6	166.6	166.2	165.9	169.0
67.5°	138.2	139.8	141.9	143.7	145.8	147.7	148.9	150.4	151.6	152.8	156.5
70°	123.9	125.4	127.6	129.4	131.5	133.4	134.9	136.4	137.6	139.1	142.8
72.5°	109.3	110.8	113.0	115.1	116.9	119.1	120.3	121.5	122.4	123.6	126.7
75°	93.8	95.6	97.7	99.6	101.7	103.5	104.4	105.4	106.3	107.2	109.9
77.5°	77.9	80.1	82.2	84.3	86.5	88.6	88.9	89.2	89.5	89.8	92.3
80°	61.2	63.9	66.1	68.2	70.3	72.5	72.5	72.5	72.5	72.5	73.7
82.5°	43.5	46.0	48.4	50.5	53.0	55.1	55.1	54.8	54.8	54.5	54.5
85°	25.0	27.1	28.6	30.4	32.0	33.5	33.5	33.5	33.2	33.2	32.6
87.5°	4.0	5.2	5.8	6.7	7.3	7.9	7.6	7.6	7.3	7.0	6.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596598
 CATALOG NUMBER: MSA-SA2B-827-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: P596598
 CATALOG NUMBER: MSA-SA2B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6
2.5°	701.2	708.8	716.4	715.2	714.0	712.8	711.6	716.1	720.4	725.0	729.2
5°	713.4	718.0	722.2	725.6	728.9	732.3	735.6	751.2	766.4	781.9	797.1
7.5°	638.8	637.3	636.1	650.4	665.0	679.3	693.6	713.4	733.2	753.0	772.8
10°	606.8	610.2	613.5	619.3	625.4	631.2	637.0	656.5	675.9	695.4	714.9
12.5°	638.5	657.4	675.9	680.5	685.4	690.0	694.5	698.5	702.4	706.1	710.1
15°	587.3	608.0	628.8	640.6	652.5	664.1	675.9	705.8	735.3	765.2	794.7
17.5°	507.9	531.6	555.1	584.3	613.5	642.8	672.0	699.4	726.8	753.9	781.3
20°	428.7	459.8	491.1	523.1	554.8	586.7	618.4	645.2	672.0	698.5	725.3
22.5°	353.2	378.8	404.0	443.0	481.7	520.7	559.3	609.3	658.9	708.8	758.5
25°	316.7	336.8	356.5	396.7	436.9	476.8	517.0	581.9	646.4	711.3	775.8
27.5°	303.9	310.9	317.9	354.4	390.6	427.2	463.4	533.5	603.5	673.2	743.2
30°	299.9	302.3	304.8	333.4	362.0	390.6	419.3	488.4	557.8	626.9	696.0
32.5°	253.0	258.5	263.7	291.7	319.4	347.4	375.1	444.8	514.3	584.0	653.4
35°	232.0	238.1	244.2	271.6	299.0	326.1	353.5	426.9	500.6	573.9	647.3
37.5°	227.8	232.3	236.9	267.9	299.0	330.1	361.1	435.4	509.7	584.0	658.3
40°	225.6	229.0	232.3	262.5	292.9	323.1	353.2	431.1	508.8	586.7	664.4
42.5°	228.4	232.3	236.0	263.4	290.5	317.9	345.0	425.7	506.0	586.7	667.1
45°	230.8	235.1	239.0	264.6	290.2	315.7	341.3	427.5	513.4	599.5	685.4
47.5°	236.6	237.5	238.1	260.3	282.3	304.5	326.4	414.1	501.8	589.2	676.9
50°	241.5	236.9	232.0	255.2	278.0	301.1	324.0	407.1	490.2	573.0	656.2
52.5°	233.8	226.8	220.1	245.1	270.1	294.7	319.7	402.8	486.3	569.4	652.5
55°	222.3	215.3	208.3	233.5	258.8	284.1	309.4	392.2	475.3	558.1	640.9
57.5°	210.7	206.1	201.6	222.3	243.3	264.0	284.7	374.5	464.0	553.9	643.4
60°	195.5	194.9	194.6	210.7	227.1	243.3	259.4	347.4	435.1	523.1	610.8
62.5°	182.4	183.9	185.1	198.2	211.3	224.1	237.2	322.1	407.4	492.3	577.3
65°	172.3	175.4	178.4	193.3	208.3	222.9	237.8	309.0	380.3	451.5	522.8
67.5°	160.2	163.8	167.5	187.0	206.4	225.9	245.4	304.2	362.9	421.7	480.5
70°	146.2	149.8	153.2	178.1	202.8	227.8	252.4	304.5	356.9	408.9	461.0
72.5°	129.7	132.8	135.8	162.6	189.4	216.2	243.0	287.1	331.3	375.1	419.3
75°	113.0	115.7	118.4	141.6	164.7	187.9	211.0	245.1	278.9	313.0	346.8
77.5°	94.4	96.8	99.0	114.5	130.0	145.5	161.1	187.3	213.1	239.3	265.2
80°	74.9	76.1	77.3	86.5	95.3	104.4	113.3	130.6	148.0	165.0	182.4
82.5°	54.8	54.8	54.8	60.6	66.7	72.5	78.3	87.1	95.6	104.4	113.0
85°	32.0	31.1	30.4	34.4	38.4	42.3	46.3	49.9	53.6	57.2	60.9
87.5°	5.2	4.0	3.0	5.5	7.9	10.4	12.8	14.0	15.5	16.7	18.0
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):

	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: P596598

CATALOG NUMBER: MSA-SA2B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6
2.5°	718.9	708.8	698.5	688.1	703.4	718.6	733.8	749.0	789.5	813.6	815.1
5°	809.9	822.7	835.5	848.3	861.1	873.9	886.3	899.1	964.9	1005.4	1013.0
7.5°	793.8	815.1	836.1	857.1	893.3	929.6	965.8	1002.0	1057.8	1098.0	1124.4
10°	741.1	767.3	793.5	819.7	862.6	905.8	948.8	991.7	1050.8	1103.7	1129.0
12.5°	751.8	793.5	834.9	876.6	913.7	951.2	988.3	1025.5	1066.3	1086.4	1132.4
15°	823.6	852.5	881.5	910.4	966.4	1022.1	1078.2	1133.9	1157.0	1203.0	1244.4
17.5°	834.6	887.6	940.8	993.8	1062.3	1130.8	1199.4	1267.9	1310.8	1370.2	1420.1
20°	800.5	875.4	950.6	1025.5	1113.8	1202.4	1290.7	1379.0	1433.5	1483.4	1560.8
22.5°	841.3	924.1	1006.6	1089.4	1206.7	1323.6	1440.8	1557.7	1671.6	1783.0	1835.4
25°	886.3	997.2	1107.7	1218.2	1364.7	1510.8	1657.3	1803.4	1949.9	2054.3	2114.6
27.5°	854.7	965.8	1077.3	1188.4	1369.6	1551.0	1732.2	1913.4	2070.2	2195.9	2247.7
30°	832.5	968.9	1105.3	1241.7	1454.2	1666.7	1879.3	2091.8	2236.7	2377.1	2453.2
32.5°	828.5	1003.6	1178.3	1353.4	1601.0	1848.2	2095.7	2343.0	2439.2	2563.7	2666.3
35°	839.5	1031.9	1224.0	1416.1	1699.9	1983.7	2267.2	2550.9	2687.7	2811.0	2900.8
37.5°	872.9	1087.6	1302.0	1516.6	1858.6	2200.8	2542.7	2884.7	3113.9	3339.6	3379.7
40°	891.8	1119.6	1347.0	1574.5	1972.1	2369.8	2767.4	3165.1	3428.8	3676.3	3693.1
42.5°	914.1	1161.0	1407.6	1654.6	2095.4	2536.6	2977.5	3418.4	3744.8	4010.9	4018.8
45°	939.6	1193.6	1447.8	1701.7	2162.1	2622.2	3082.6	3542.6	3937.2	4260.6	4181.7
47.5°	949.7	1222.8	1495.6	1768.4	2259.3	2749.8	3240.6	3731.1	4085.2	4379.4	4303.8
50°	953.6	1251.4	1548.9	1846.4	2354.9	2863.6	3372.1	3880.6	4240.8	4527.6	4411.9
52.5°	978.3	1304.1	1629.9	1955.7	2485.5	3015.3	3545.1	4074.9	4429.3	4704.8	4561.1
55°	1011.5	1382.0	1752.3	2122.8	2671.2	3219.3	3767.7	4315.7	4671.4	4927.7	4749.6
57.5°	1042.2	1441.4	1840.3	2239.2	2807.3	3375.8	3943.9	4512.1	4872.3	5125.9	4953.3
60°	1027.3	1443.9	1860.4	2276.9	2835.3	3393.4	3951.9	4510.0	4918.9	5223.1	5134.8
62.5°	982.3	1387.2	1791.9	2196.8	2726.9	3256.7	3786.8	4316.6	4795.3	5185.3	5181.4
65°	895.5	1268.2	1640.5	2013.2	2503.8	2994.6	3485.1	3975.6	4539.8	5013.6	5044.3
67.5°	789.8	1099.2	1408.5	1717.9	2179.8	2641.7	3103.6	3565.5	4168.7	4691.4	4717.9
70°	687.5	914.4	1140.9	1367.4	1773.0	2178.6	2583.8	2989.4	3598.7	4127.5	4151.9
72.5°	567.6	715.8	863.8	1012.1	1340.6	1669.2	1997.4	2325.9	2860.9	3267.7	3405.0
75°	434.8	522.8	610.8	698.8	964.6	1230.4	1495.9	1761.7	2117.4	2417.6	2572.3
77.5°	310.9	356.5	402.2	447.9	673.8	899.7	1125.4	1351.3	1538.2	1708.4	1812.9
80°	204.0	225.3	246.9	268.2	456.1	644.0	831.5	1019.4	1133.3	1224.6	1277.3
82.5°	123.6	134.3	144.6	155.3	307.5	459.8	611.7	763.9	829.1	872.6	919.5
85°	66.7	72.5	78.3	84.0	181.8	279.2	376.9	474.4	480.8	486.0	555.7
87.5°	19.5	21.3	22.8	24.4	40.2	56.3	72.2	88.0	54.8	34.1	70.0
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: P596598
 CATALOG NUMBER: MSA-SA2B-827-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: P596598

CATALOG NUMBER: MSA-SA2B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6
2.5°	806.3	802.3	798.4	794.1	790.1	773.4	756.9	740.2	723.4	739.6	755.4
5°	1004.2	1016.4	1028.2	1040.4	1052.6	1053.5	1054.1	1055.0	1055.6	1058.7	1061.7
7.5°	1146.7	1168.3	1189.6	1211.2	1232.8	1249.6	1266.3	1283.4	1300.1	1284.9	1269.7
10°	1158.9	1204.5	1250.2	1295.9	1341.5	1349.8	1357.7	1365.9	1374.1	1385.1	1395.7
12.5°	1171.0	1226.8	1282.2	1337.9	1393.6	1418.0	1442.0	1466.4	1490.4	1502.3	1513.9
15°	1299.8	1332.7	1365.3	1398.2	1430.8	1447.5	1463.9	1480.7	1497.4	1507.5	1517.2
17.5°	1465.5	1477.6	1489.5	1501.7	1513.9	1525.1	1536.4	1547.7	1558.9	1560.8	1562.6
20°	1616.5	1618.9	1621.1	1623.5	1625.6	1601.9	1578.4	1554.7	1530.9	1535.2	1539.2
22.5°	1843.0	1829.6	1816.5	1803.1	1790.0	1745.3	1700.8	1656.1	1611.6	1592.4	1573.6
25°	2184.0	2149.9	2115.8	2081.7	2047.6	1976.4	1905.4	1834.2	1763.3	1721.5	1680.1
27.5°	2294.0	2219.7	2145.7	2071.4	1997.1	1943.2	1889.6	1835.7	1782.1	1716.1	1650.0
30°	2516.2	2399.0	2282.1	2164.9	2047.6	1995.6	1943.5	1891.1	1839.1	1771.5	1704.2
32.5°	2713.2	2591.4	2469.6	2347.6	2225.8	2127.1	2028.5	1929.8	1831.2	1785.5	1739.8
35°	2941.3	2788.1	2635.0	2481.8	2328.7	2244.0	2159.7	2075.0	1990.7	1921.6	1852.8
37.5°	3273.5	3110.6	2947.7	2784.5	2621.6	2507.1	2392.9	2278.4	2164.3	2126.2	2088.4
40°	3590.1	3397.7	3205.6	3013.1	2821.0	2733.3	2645.6	2557.6	2470.0	2405.7	2341.5
42.5°	3855.3	3665.0	3475.0	3284.7	3094.7	3030.8	2967.2	2903.2	2839.6	2786.6	2733.6
45°	3946.4	3791.1	3636.1	3480.8	3325.5	3303.0	3280.8	3258.3	3236.0	3196.7	3157.5
47.5°	4092.8	3934.5	3776.5	3618.2	3459.8	3468.0	3476.3	3484.8	3493.0	3495.1	3497.0
50°	4179.0	4028.6	3878.5	3728.1	3578.0	3617.8	3657.4	3697.3	3737.2	3827.6	3917.8
52.5°	4304.8	4157.1	4009.7	3862.0	3714.4	3782.0	3849.3	3916.8	3984.1	4110.8	4237.5
55°	4462.5	4321.2	4180.2	4038.9	3898.0	3963.7	4029.2	4095.0	4160.4	4301.4	4442.4
57.5°	4671.7	4520.3	4369.3	4218.0	4067.0	4127.5	4187.8	4248.4	4308.7	4442.7	4576.7
60°	4909.8	4745.3	4580.9	4416.2	4251.8	4268.5	4285.0	4301.7	4318.2	4463.4	4608.3
62.5°	5026.7	4874.4	4722.5	4570.3	4418.0	4371.4	4324.9	4278.0	4231.4	4361.4	4491.1
65°	4925.3	4820.5	4716.1	4611.4	4506.6	4424.4	4342.5	4260.3	4178.1	4259.4	4340.4
67.5°	4602.5	4543.2	4484.1	4424.7	4365.3	4227.4	4089.5	3951.3	3813.3	3818.8	3824.0
70°	4079.4	4063.6	4048.1	4032.2	4016.4	3809.1	3602.0	3394.7	3187.3	3155.6	3124.0
72.5°	3416.6	3426.9	3437.0	3447.3	3457.7	3234.8	3011.9	2789.0	2566.2	2513.5	2460.8
75°	2646.2	2703.5	2760.7	2818.3	2875.5	2662.4	2449.2	2235.8	2022.7	1957.8	1893.0
77.5°	1869.8	1976.7	2083.3	2190.1	2297.0	2104.3	1911.8	1719.1	1526.4	1484.3	1442.3
80°	1303.8	1356.2	1408.5	1460.9	1513.3	1416.4	1319.6	1222.8	1126.0	1137.5	1148.8
82.5°	949.7	961.9	973.7	985.9	998.1	958.5	918.9	879.0	839.5	869.6	899.7
85°	608.4	651.9	695.1	738.7	781.9	738.1	694.2	650.1	606.2	626.3	646.4
87.5°	136.1	215.3	294.4	373.9	453.1	410.4	368.1	325.5	282.9	263.7	244.8
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):

	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: P596598

CATALOG NUMBER: MSA-SA2B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6
2.5°	771.6	787.7	782.8	778.3	773.4	768.5	777.3	786.2	795.3	804.1	801.1
5°	1065.1	1068.1	1039.2	1010.6	981.6	952.7	970.7	988.7	1006.6	1024.6	1018.2
7.5°	1254.5	1239.2	1222.5	1205.7	1188.7	1171.9	1168.3	1164.6	1160.7	1157.0	1152.2
10°	1406.7	1417.4	1406.4	1395.7	1384.8	1373.8	1348.2	1322.7	1296.8	1271.2	1260.6
12.5°	1525.8	1537.6	1540.4	1542.8	1545.5	1548.3	1519.7	1491.3	1462.7	1434.1	1408.2
15°	1527.3	1537.3	1546.2	1554.7	1563.5	1572.0	1554.4	1537.0	1519.4	1501.7	1493.5
17.5°	1564.7	1566.6	1559.2	1552.2	1544.9	1537.9	1530.9	1524.2	1517.2	1510.5	1497.4
20°	1543.4	1547.7	1546.8	1545.9	1544.6	1543.7	1544.3	1544.6	1545.2	1545.5	1538.2
22.5°	1554.4	1535.2	1539.2	1542.8	1546.8	1550.4	1561.4	1572.3	1583.6	1594.6	1623.8
25°	1638.4	1596.7	1590.3	1584.2	1577.8	1571.7	1600.4	1628.7	1657.3	1685.9	1733.4
27.5°	1583.6	1517.5	1502.9	1488.3	1473.7	1459.1	1502.6	1545.9	1589.4	1632.9	1681.3
30°	1636.6	1569.3	1537.0	1504.7	1472.2	1439.9	1481.6	1523.0	1564.7	1606.1	1659.7
32.5°	1694.1	1648.5	1626.8	1605.5	1583.9	1562.6	1565.9	1569.3	1572.6	1576.0	1651.5
35°	1783.7	1714.5	1693.2	1671.9	1650.6	1629.3	1664.9	1700.2	1735.8	1771.2	1835.1
37.5°	2050.4	2012.3	1974.0	1935.6	1896.9	1858.6	1879.6	1900.6	1921.6	1942.6	2002.9
40°	2277.2	2213.0	2206.6	2200.5	2194.1	2187.7	2189.5	2191.0	2192.9	2194.7	2246.2
42.5°	2680.3	2627.4	2594.8	2562.2	2529.6	2497.1	2494.9	2492.8	2490.4	2488.2	2526.9
45°	3117.9	3078.6	3054.3	3029.9	3005.2	2980.9	2942.2	2903.5	2864.6	2825.9	2859.7
47.5°	3499.1	3501.2	3545.4	3589.2	3633.4	3677.5	3611.5	3545.4	3479.3	3413.2	3369.7
50°	4008.2	4098.3	4109.0	4119.3	4130.0	4140.6	4028.6	3916.8	3804.8	3692.7	3647.1
52.5°	4364.4	4491.1	4474.7	4458.5	4442.1	4425.6	4360.8	4296.2	4231.4	4166.5	4067.0
55°	4583.7	4724.6	4712.2	4700.0	4687.5	4675.0	4627.8	4580.6	4533.4	4486.2	4376.9
57.5°	4710.6	4844.6	4848.3	4851.9	4855.6	4859.2	4846.7	4834.3	4821.8	4809.3	4667.1
60°	4753.6	4898.8	4900.3	4901.5	4903.1	4904.3	4884.5	4864.7	4844.6	4824.8	4731.9
62.5°	4621.1	4750.8	4756.6	4762.1	4767.9	4773.7	4760.0	4746.3	4732.6	4718.9	4650.0
65°	4421.7	4503.0	4504.5	4505.7	4507.2	4508.8	4474.0	4439.6	4404.9	4370.2	4353.8
67.5°	3829.5	3834.9	3867.2	3899.5	3931.8	3964.0	3966.8	3969.5	3972.6	3975.3	3951.6
70°	3092.3	3060.6	3095.7	3130.7	3165.7	3200.7	3215.6	3230.5	3245.8	3260.7	3271.7
72.5°	2407.8	2355.2	2381.0	2406.9	2433.1	2459.0	2436.8	2414.5	2392.3	2370.1	2440.4
75°	1828.1	1763.3	1759.9	1756.9	1753.5	1750.5	1739.2	1727.9	1716.4	1705.1	1770.9
77.5°	1400.0	1358.0	1360.1	1361.9	1364.1	1365.9	1354.3	1343.1	1331.5	1319.9	1345.2
80°	1160.4	1171.6	1171.9	1172.3	1172.6	1172.9	1161.9	1151.2	1140.3	1129.3	1111.1
82.5°	930.2	960.3	960.0	960.0	959.7	959.4	958.8	958.2	957.3	956.7	926.8
85°	666.5	686.6	665.9	645.2	624.5	603.8	619.0	634.2	649.8	665.0	652.5
87.5°	225.6	206.7	182.1	157.7	133.1	108.4	134.9	161.4	188.2	214.7	229.9
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: P596598
 CATALOG NUMBER: MSA-SA2B-827-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: P596598

CATALOG NUMBER: MSA-SA2B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6	661.6
2.5°	798.4	795.3	792.6	773.4	753.9	734.7	715.2	750.5	786.2	821.5	856.8
5°	1012.1	1005.7	999.6	998.1	996.6	994.7	993.2	1011.2	1029.1	1046.8	1064.8
7.5°	1147.3	1142.4	1137.5	1124.8	1112.3	1099.5	1086.7	1097.7	1108.3	1119.3	1129.9
10°	1250.2	1239.5	1228.9	1201.2	1173.8	1146.1	1118.4	1110.1	1101.9	1093.7	1085.5
12.5°	1382.3	1356.2	1330.3	1298.9	1267.3	1235.9	1204.2	1200.0	1195.7	1191.7	1187.5
15°	1485.6	1477.3	1469.1	1444.2	1419.2	1394.2	1369.3	1335.8	1302.0	1268.5	1235.0
17.5°	1484.7	1471.6	1458.8	1492.3	1525.5	1558.9	1592.1	1556.5	1520.6	1485.0	1449.3
20°	1530.9	1523.3	1516.0	1577.8	1639.3	1701.1	1762.6	1743.2	1723.4	1703.9	1684.1
22.5°	1652.7	1682.0	1710.9	1763.9	1816.5	1869.5	1922.2	1944.4	1966.6	1988.9	2011.1
25°	1780.6	1828.1	1875.6	1954.5	2033.0	2111.9	2190.7	2206.6	2222.4	2238.2	2254.1
27.5°	1729.5	1777.9	1826.3	1886.0	1945.3	2005.0	2064.4	2133.8	2203.5	2273.0	2342.4
30°	1713.0	1766.6	1819.9	1901.8	1983.4	2065.3	2147.2	2242.8	2338.4	2433.7	2529.3
32.5°	1726.7	1802.2	1877.7	1988.6	2099.1	2209.9	2320.8	2421.2	2522.0	2622.5	2723.0
35°	1898.7	1962.7	2026.3	2150.2	2274.2	2398.1	2522.0	2639.9	2757.7	2875.2	2993.1
37.5°	2062.9	2123.1	2183.4	2310.1	2436.5	2563.1	2689.8	2875.8	3062.2	3248.2	3434.2
40°	2297.3	2348.8	2399.9	2508.3	2616.7	2725.1	2833.5	3057.9	3282.3	3506.7	3731.1
42.5°	2565.3	2603.9	2642.3	2754.6	2867.0	2979.4	3091.7	3335.9	3580.4	3824.6	4068.8
45°	2893.2	2927.0	2960.8	3038.1	3115.5	3193.1	3270.4	3522.2	3774.0	4025.9	4277.7
47.5°	3326.2	3282.6	3239.1	3277.1	3315.2	3353.3	3391.3	3640.4	3889.4	4138.2	4387.3
50°	3601.4	3555.7	3510.1	3513.4	3516.5	3519.8	3523.2	3755.5	3987.8	4219.8	4452.1
52.5°	3967.4	3867.5	3768.0	3767.0	3766.1	3764.9	3764.0	3966.5	4169.3	4371.7	4574.2
55°	4267.6	4158.3	4049.0	4027.7	4006.4	3984.7	3963.4	4163.8	4363.8	4564.2	4764.2
57.5°	4524.9	4382.4	4240.2	4206.7	4173.2	4139.7	4106.2	4322.1	4538.3	4754.2	4970.0
60°	4639.4	4546.5	4454.0	4412.8	4371.7	4330.6	4289.5	4473.4	4657.3	4840.9	5024.9
62.5°	4581.5	4512.7	4444.2	4453.6	4463.1	4472.5	4482.0	4587.0	4692.4	4797.4	4902.5
65°	4337.6	4321.2	4305.1	4381.2	4457.3	4533.4	4609.5	4611.1	4612.6	4614.1	4615.6
67.5°	3927.8	3904.1	3880.3	4038.6	4196.7	4355.0	4513.3	4438.1	4362.9	4288.0	4212.8
70°	3282.3	3293.3	3303.9	3519.5	3734.8	3950.3	4165.9	4056.9	3947.6	3838.6	3729.3
72.5°	2510.8	2581.4	2651.7	2875.2	3098.7	3322.2	3545.7	3421.2	3296.3	3171.8	3046.9
75°	1836.6	1902.4	1968.2	2188.9	2409.7	2630.7	2851.5	2703.5	2555.5	2407.8	2259.9
77.5°	1370.5	1396.0	1421.3	1604.9	1788.2	1971.8	2155.1	2006.5	1857.9	1709.7	1561.1
80°	1093.1	1074.8	1056.9	1158.6	1260.2	1361.9	1463.6	1358.3	1252.6	1147.3	1041.9
82.5°	897.3	867.5	837.9	875.7	913.4	951.5	989.3	904.9	820.6	736.2	651.9
85°	640.0	627.5	615.1	626.0	636.7	647.6	658.6	576.4	494.2	412.3	330.1
87.5°	244.8	260.0	275.3	292.6	309.7	327.0	344.1	269.5	194.9	120.6	46.0
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):

	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°	661.6	661.6
2.5°	871.4	886.0
5°	1064.5	1064.2
7.5°	1125.1	1119.9
10°	1072.1	1058.7
12.5°	1147.9	1108.0
15°	1195.4	1155.5
17.5°	1389.3	1329.1
20°	1612.5	1540.7
22.5°	1901.8	1792.5
25°	2123.5	1992.5
27.5°	2264.7	2186.8
30°	2440.1	2350.9
32.5°	2657.2	2591.1
35°	2932.8	2872.2
37.5°	3415.4	3396.2
40°	3708.3	3685.1
42.5°	4069.7	4070.3
45°	4291.4	4305.1
47.5°	4422.0	4456.4
50°	4526.1	4599.8
52.5°	4675.0	4775.8
55°	4898.2	5031.9
57.5°	5083.9	5197.8
60°	5083.9	5142.7
62.5°	4900.9	4899.1
65°	4587.3	4558.7
67.5°	4176.9	4140.9
70°	3673.3	3616.9
72.5°	2977.2	2907.2
75°	2163.9	2067.7
77.5°	1515.4	1469.4
80°	1064.2	1086.4
82.5°	683.6	715.2
85°	325.2	320.3
87.5°	38.4	30.8
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



REPORT NUMBER: P596598
CATALOG NUMBER: MSA-SA2B-827-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)