

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: P367140

Luminaire Tested: **MSA-SA2A-727-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367140
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA2A-727-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: 5694 lumens
Efficiency: N/A
Efficacy: 86.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

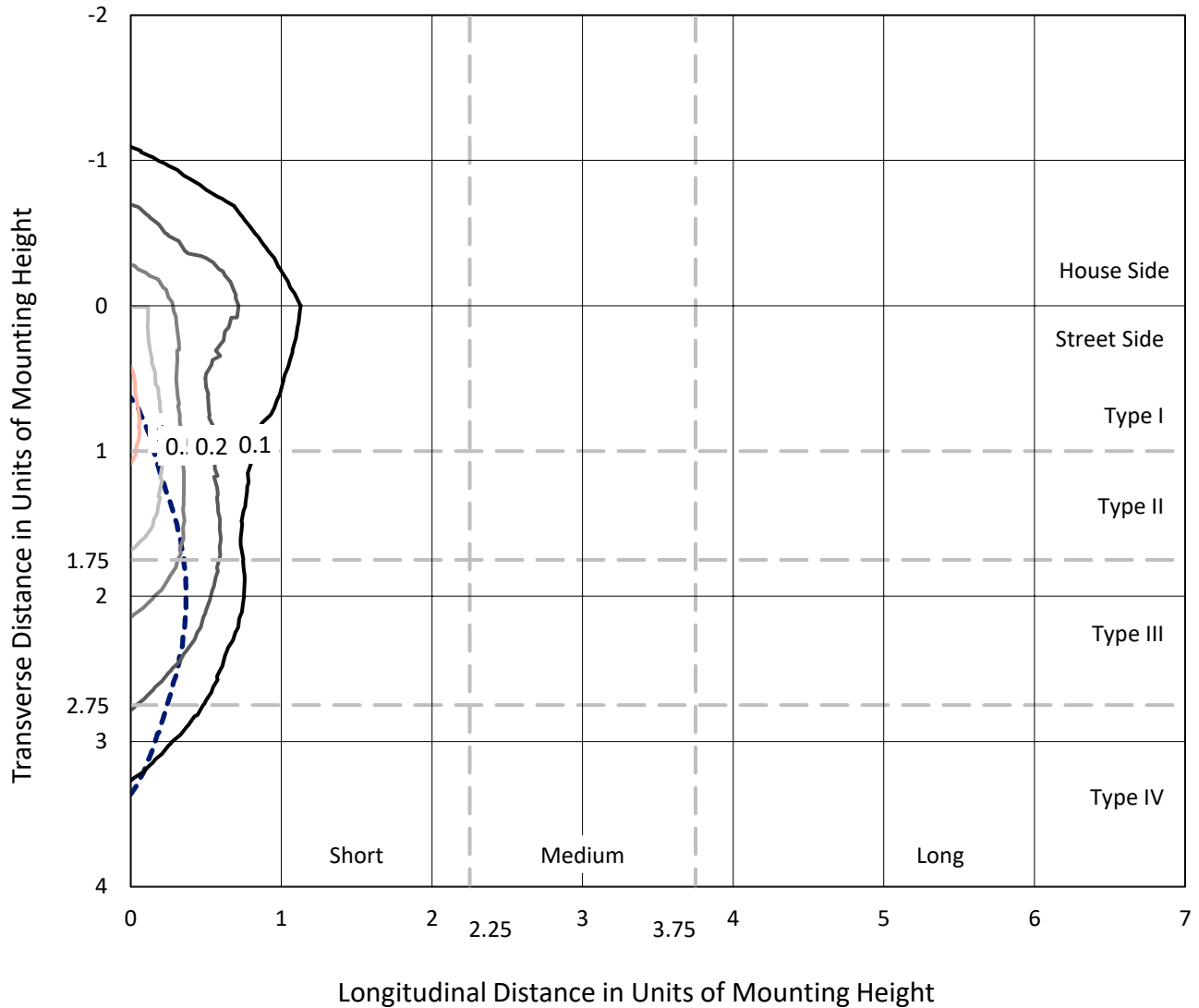
Input Watts (W): 66
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

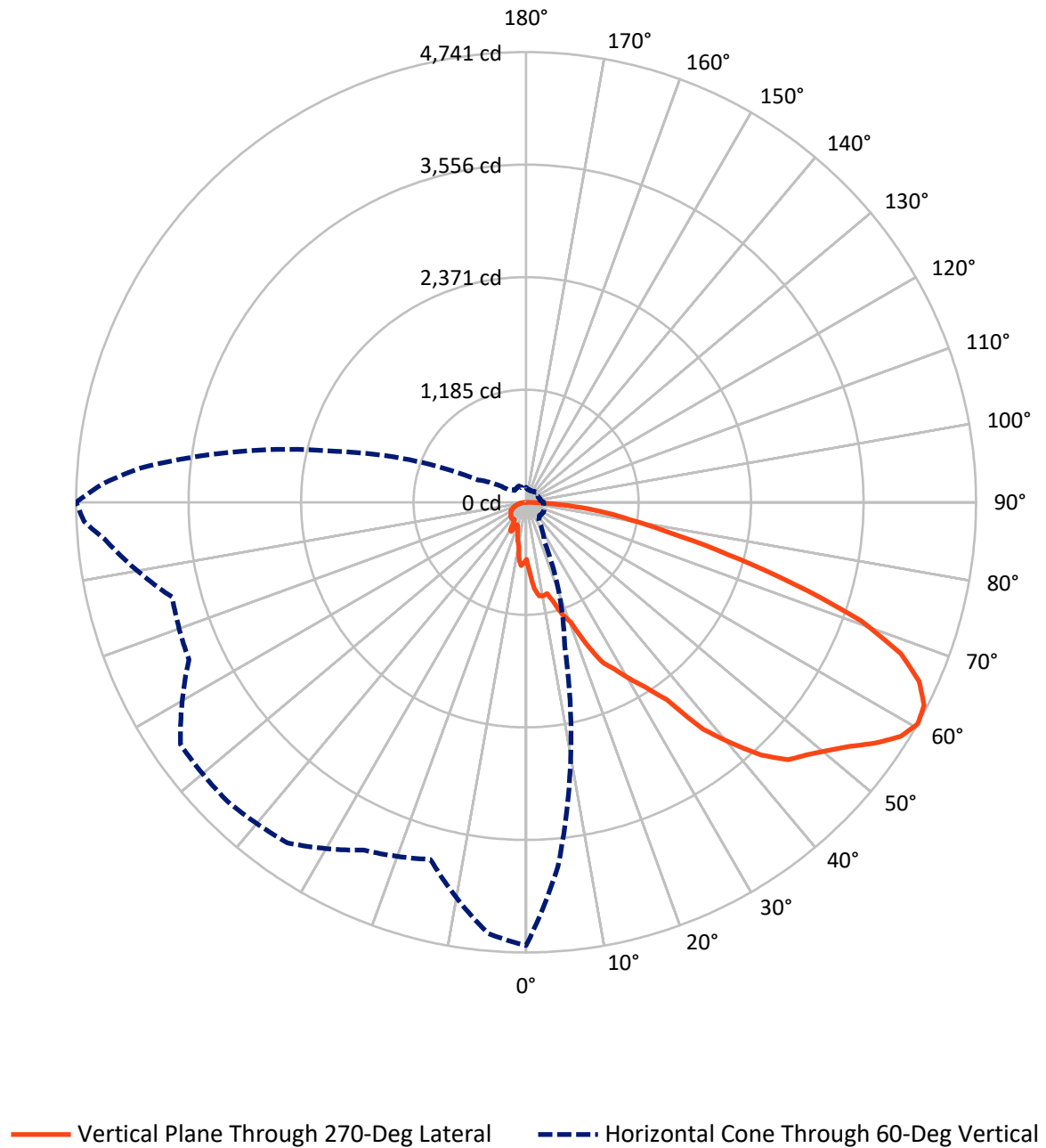
× Max cd
 - - - 1/2 Max cd



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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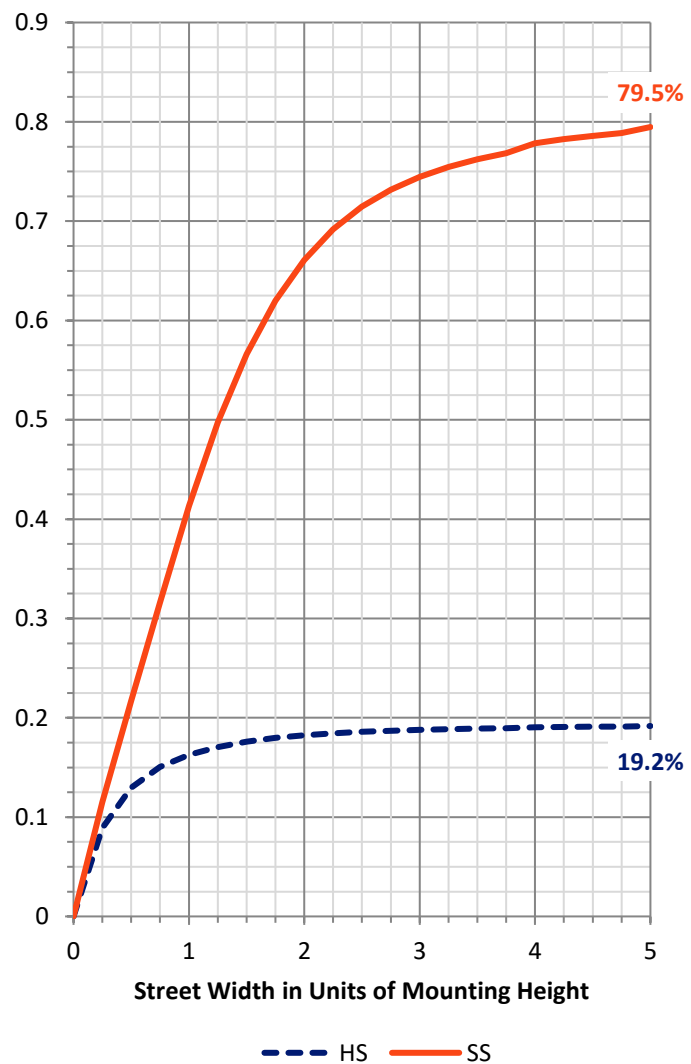
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1102.8	0.0	1102.8
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	4591.2	0.0	4591.2
	% Fixture	80.6	0.0	80.6
Total	Lumens	5694.0	0.0	5694.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.8	1.2
10°-20°	200.1	3.5
20°-30°	353.2	6.2
30°-40°	550.1	9.7
40°-50°	905.6	15.9
50°-60°	1292.6	22.7
60°-70°	1370.6	24.1
70°-80°	757.0	13.3
80°-90°	195.9	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°	5694.0	100.0
0°-180°	5694.0	100.0

Coefficient of Utilization

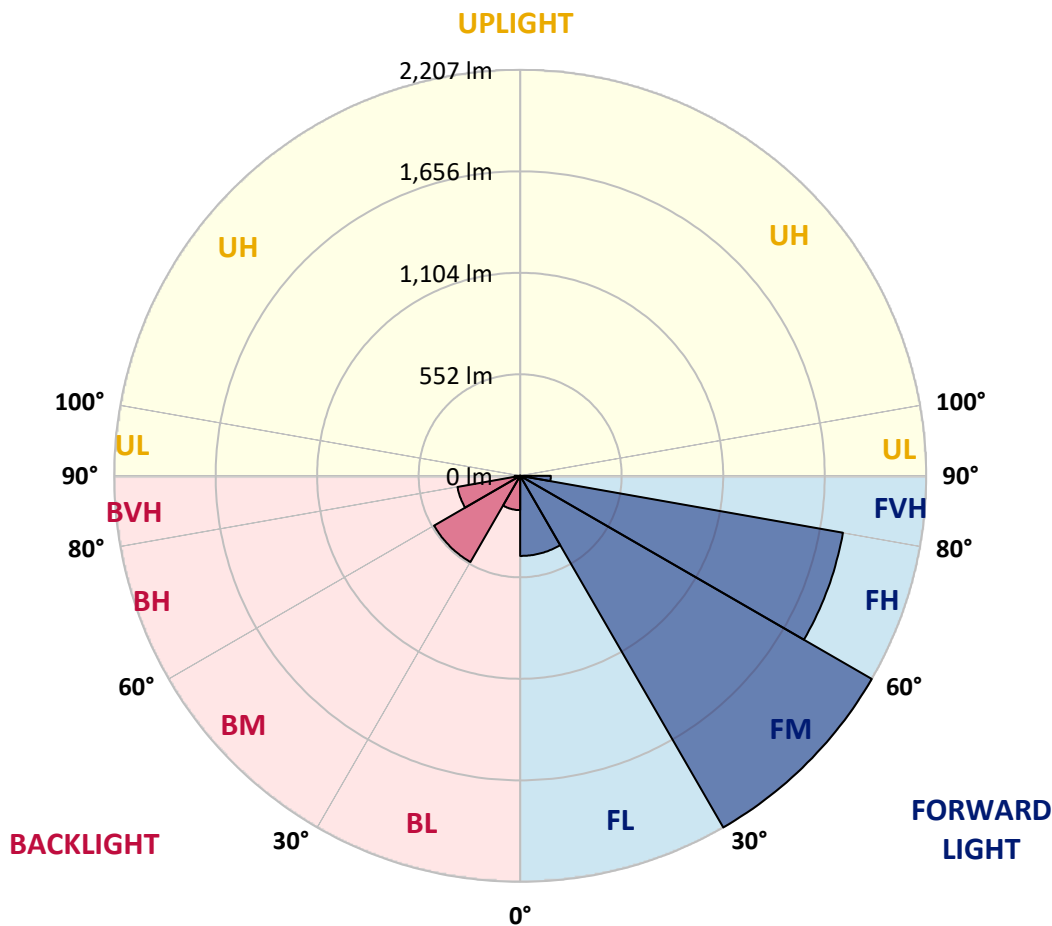


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	435.7	7.7			
FM (30°-60°)	2207.4	38.8			
FH (60°-80°)	1781.7	31.3			G1/1800
FVH (80°-90°)	166.5	2.9			G2/225
BL (0°-30°)	186.4	3.3	B1/500		
BM (30°-60°)	541.0	9.5	B1/1000		
BH (60°-80°)	346.0	6.1	B1/500		G1/500
BVH (80°-90°)	29.4	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°	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6
2.5°	804.3	809.2	813.9	804.5	795.1	785.5	776.1	762.0	747.6	733.5	719.1
5°	965.9	947.7	929.2	921.7	914.5	907.1	899.6	892.7	885.8	878.6	871.7
7.5°	1016.5	990.5	964.3	953.2	942.2	930.8	919.8	894.9	870.0	844.9	820.0
10°	961.0	933.9	906.5	895.7	884.7	873.9	862.9	832.4	802.3	771.9	741.5
12.5°	1005.7	978.1	950.2	915.9	881.6	847.1	812.8	796.0	779.1	762.0	745.1
15°	1048.9	1011.5	974.0	939.7	905.4	870.9	836.6	802.9	769.2	735.4	701.7
17.5°	1206.4	1144.2	1082.0	1020.1	957.9	896.0	833.8	794.9	755.6	716.6	677.4
20°	1398.5	1312.0	1225.2	1131.2	1037.0	943.0	848.8	799.6	750.6	701.4	652.3
22.5°	1627.0	1517.9	1408.7	1290.1	1171.6	1052.7	934.2	862.9	791.5	720.0	648.7
25°	1808.6	1703.6	1598.6	1448.2	1297.9	1147.5	997.2	916.2	835.2	754.0	673.0
27.5°	1984.9	1817.7	1650.3	1478.1	1306.2	1134.0	961.8	886.9	812.0	737.1	662.2
30°	2133.9	2001.3	1868.6	1643.9	1419.2	1194.2	969.5	877.5	785.5	693.4	601.4
32.5°	2352.0	2162.7	1973.1	1738.7	1504.3	1270.0	1035.6	917.9	800.1	682.4	564.6
35°	2607.1	2410.3	2213.5	1923.6	1633.9	1344.0	1054.1	929.5	804.5	679.9	555.0
37.5°	3082.7	2735.9	2388.7	2072.3	1755.8	1439.1	1122.6	977.8	833.0	687.9	543.1
40°	3345.0	3024.4	2703.8	2309.4	1915.0	1520.4	1126.0	977.8	829.4	681.3	532.9
42.5°	3694.6	3289.2	2883.4	2457.0	2030.8	1604.4	1177.9	1013.8	849.6	685.1	521.0
45°	3907.7	3455.8	3003.7	2547.9	2092.2	1636.4	1180.7	1014.0	847.4	680.7	514.1
47.5°	4045.1	3611.2	3177.0	2686.4	2195.8	1705.0	1214.4	1037.5	860.4	683.5	506.3
50°	4175.2	3745.5	3315.4	2806.1	2297.0	1787.6	1278.2	1085.1	891.9	698.4	505.2
52.5°	4335.0	3939.2	3543.2	2996.8	2450.1	1903.7	1357.0	1146.7	936.4	726.0	515.7
55°	4567.4	4177.4	3787.2	3200.7	2614.0	2027.5	1440.8	1207.2	974.0	740.4	506.9
57.5°	4718.0	4322.5	3927.0	3329.0	2730.9	2132.5	1534.4	1275.8	1017.1	758.1	499.4
60°	4668.0	4260.1	3851.9	3281.7	2711.5	2141.4	1571.2	1291.8	1012.6	733.2	453.8
62.5°	4446.9	4013.3	3579.6	3068.9	2558.4	2047.7	1536.9	1252.8	969.0	684.9	400.7
65°	4137.9	3689.6	3241.1	2780.4	2319.6	1858.9	1398.2	1140.3	882.2	624.3	366.2
67.5°	3758.7	3291.4	2823.8	2415.8	2007.9	1599.7	1191.7	976.2	760.9	545.3	329.7
70°	3283.1	2823.8	2364.4	2011.5	1658.5	1305.6	952.7	790.4	628.5	466.2	304.0
72.5°	2638.9	2242.5	1846.2	1568.4	1290.7	1012.9	735.2	622.4	509.9	397.2	284.4
75°	1876.9	1643.9	1410.9	1194.8	978.7	762.2	546.1	473.2	400.2	327.2	254.3
77.5°	1333.8	1196.4	1059.1	889.7	720.2	550.8	381.4	338.6	296.0	253.2	210.3
80°	986.1	871.4	756.7	629.0	501.3	373.7	246.0	225.0	204.2	183.2	162.2
82.5°	649.2	597.5	545.6	444.4	343.3	242.1	141.0	133.2	125.5	117.7	110.0
85°	290.7	307.1	323.1	261.2	199.0	137.1	74.9	71.3	67.7	64.1	60.5
87.5°	27.9	41.2	54.4	46.7	38.7	31.0	22.9	22.7	22.7	22.4	22.1
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):

	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°	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6
2.5°	723.0	726.9	730.7	734.6	730.5	726.3	721.9	717.8	712.5	707.3	701.7
5°	860.1	848.2	836.6	824.7	807.0	789.3	771.4	753.7	751.5	749.0	746.8
7.5°	798.2	776.6	754.8	733.0	705.3	678.0	650.3	622.7	614.4	606.1	597.8
10°	726.9	711.9	697.3	682.4	665.2	648.1	630.7	613.6	590.9	568.0	545.3
12.5°	720.8	696.5	671.9	647.6	637.1	626.5	616.0	605.5	585.6	565.7	545.6
15°	682.1	662.2	642.6	622.7	607.5	592.3	577.1	561.9	545.8	529.5	513.5
17.5°	654.7	632.1	609.4	586.7	569.3	551.9	534.2	516.8	497.5	477.9	458.5
20°	626.3	600.6	574.6	548.6	526.5	504.7	482.6	460.4	439.2	418.2	396.9
22.5°	614.7	580.7	546.7	512.7	489.5	466.0	442.8	419.3	399.6	380.0	360.4
25°	632.4	592.0	551.4	510.7	479.5	448.0	416.8	385.3	369.0	352.7	336.1
27.5°	611.6	560.8	510.2	459.3	425.9	392.2	358.7	325.0	322.5	320.0	317.3
30°	548.1	494.7	441.4	388.0	357.4	326.4	295.7	264.8	259.0	252.9	247.1
32.5°	510.2	455.7	401.3	346.9	319.5	291.9	264.5	236.9	230.2	223.6	217.0
35°	495.8	436.7	377.5	318.4	294.9	271.4	247.9	224.4	219.7	215.3	210.6
37.5°	484.2	425.6	366.8	307.9	285.2	262.6	239.6	217.0	213.4	209.8	206.2
40°	473.2	413.7	354.0	294.3	274.2	254.3	234.1	213.9	211.7	209.5	207.0
42.5°	463.2	405.4	347.4	289.6	271.7	254.0	236.0	218.1	215.9	213.6	211.4
45°	457.7	401.3	344.9	288.5	275.5	262.6	249.3	236.3	231.1	225.8	220.3
47.5°	453.5	400.7	348.0	295.2	281.6	268.1	254.5	241.0	236.3	231.6	226.6
50°	454.4	403.8	352.9	302.1	285.8	269.2	252.9	236.3	235.8	235.2	234.6
52.5°	461.8	408.2	354.3	300.4	282.7	265.0	247.1	229.4	233.0	236.3	239.9
55°	451.0	395.2	339.1	283.3	266.4	249.8	233.0	216.1	220.8	225.2	229.9
57.5°	438.9	378.4	317.8	257.3	244.6	231.9	218.9	206.2	211.2	216.4	221.4
60°	398.5	343.3	288.0	232.7	224.1	215.6	207.0	198.4	200.7	202.9	205.1
62.5°	354.3	307.6	261.2	214.5	207.8	200.9	194.3	187.4	187.4	187.7	187.7
65°	326.1	286.1	246.0	205.9	198.4	191.0	183.2	175.8	174.7	173.6	172.5
67.5°	297.9	266.4	234.6	202.9	192.1	181.6	170.8	160.0	158.6	157.5	156.2
70°	275.8	247.6	219.4	191.3	179.1	167.2	155.0	142.9	141.8	141.0	139.8
72.5°	257.9	231.6	205.1	178.5	165.8	152.8	140.1	127.1	126.3	125.5	124.4
75°	230.8	207.6	184.1	160.6	148.1	136.0	123.5	111.1	110.0	109.2	108.1
77.5°	191.0	171.4	152.0	132.4	122.7	113.3	103.6	94.0	93.4	92.9	92.0
80°	147.0	131.8	116.4	101.2	94.8	88.2	81.8	75.2	74.9	74.6	74.1
82.5°	100.9	91.8	82.6	73.5	68.8	63.8	59.1	54.2	54.4	54.7	55.0
85°	57.5	54.2	51.1	47.8	43.9	40.4	36.5	32.6	33.4	34.3	34.8
87.5°	21.0	19.9	18.8	17.7	15.8	14.1	12.2	10.2	10.8	11.6	12.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367140
 CATALOG NUMBER: MSA-SA2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6
2.5°	696.5	688.2	679.9	671.6	663.3	646.2	629.3	612.2	595.0	605.5	616.3
5°	744.3	730.2	715.8	701.7	687.4	679.3	671.3	663.3	655.3	659.4	663.9
7.5°	589.5	581.2	572.7	564.4	555.8	552.2	548.9	545.3	541.7	551.9	562.2
10°	522.4	510.7	499.1	487.3	475.6	468.7	461.8	454.9	448.0	450.8	453.5
12.5°	525.7	508.5	491.4	474.3	457.1	446.9	436.7	426.5	416.2	418.7	421.2
15°	497.2	479.5	461.8	444.1	426.5	414.6	402.4	390.5	378.4	374.2	369.8
17.5°	438.9	419.5	400.2	380.8	361.5	353.5	345.5	337.5	329.4	325.0	320.6
20°	375.6	357.6	339.7	321.7	303.7	298.2	292.7	286.9	281.4	278.6	275.5
22.5°	340.8	329.7	318.4	307.3	296.0	289.6	283.6	277.2	270.9	267.8	264.5
25°	319.8	322.0	324.5	326.7	328.9	326.1	323.1	320.3	317.3	318.4	319.2
27.5°	314.8	319.5	324.5	329.2	333.9	336.4	338.8	341.3	343.8	344.6	345.5
30°	241.0	243.5	245.7	248.2	250.4	257.3	264.2	270.9	277.8	288.5	299.6
32.5°	210.3	209.5	208.7	207.6	206.7	208.4	210.0	211.4	213.1	217.0	221.1
35°	205.9	204.0	201.8	199.8	197.6	198.4	199.3	200.1	200.9	204.0	207.0
37.5°	202.6	201.8	201.2	200.4	199.5	201.5	203.1	205.1	206.7	209.2	211.7
40°	204.8	204.5	204.2	203.7	203.4	204.5	205.6	206.7	207.8	211.2	214.5
42.5°	209.2	209.2	208.9	208.9	208.7	209.8	210.6	211.7	212.5	214.5	216.4
45°	215.0	214.5	214.2	213.6	213.1	212.8	212.8	212.5	212.3	213.4	214.7
47.5°	221.9	220.0	217.8	215.9	213.6	213.1	212.3	211.7	210.9	211.4	212.0
50°	234.1	228.8	223.9	218.6	213.4	212.0	210.6	209.2	207.8	207.6	207.6
52.5°	243.2	235.5	227.7	220.0	212.3	209.8	207.3	204.8	202.3	201.8	201.5
55°	234.4	228.6	223.0	217.2	211.4	207.8	204.0	200.4	196.5	195.7	194.8
57.5°	226.4	222.8	219.2	215.6	212.0	208.4	204.5	200.9	197.1	195.1	193.2
60°	207.3	207.3	207.6	207.6	207.6	203.7	199.8	196.0	192.1	190.1	188.5
62.5°	187.7	190.7	193.5	196.5	199.3	194.0	188.5	183.2	177.7	176.3	175.2
65°	171.4	172.2	173.3	174.1	174.9	170.8	166.7	162.5	158.4	157.5	156.4
67.5°	154.8	154.5	154.2	153.7	153.4	150.9	148.1	145.7	142.9	141.8	140.7
70°	138.7	138.5	138.2	137.6	137.4	135.1	132.9	130.7	128.5	127.7	126.9
72.5°	123.5	123.3	122.7	122.4	121.9	119.9	118.3	116.4	114.4	113.3	112.2
75°	107.0	106.4	105.9	105.3	104.7	103.1	101.4	99.5	97.8	96.7	95.6
77.5°	91.5	90.7	89.8	88.7	87.9	86.5	84.8	83.5	81.8	80.4	79.3
80°	73.8	73.2	72.7	71.9	71.3	69.9	68.5	66.9	65.5	63.8	62.5
82.5°	55.3	55.0	54.4	54.2	53.6	52.2	50.9	49.5	48.1	46.4	44.8
85°	35.7	35.4	35.1	34.8	34.5	33.4	32.6	31.5	30.4	28.7	27.4
87.5°	12.7	12.2	11.9	11.3	10.8	10.5	9.9	9.7	9.1	8.3	7.5
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: P367140
 CATALOG NUMBER: MSA-SA2A-727-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: P367140

CATALOG NUMBER: MSA-SA2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6
2.5°	626.8	637.3	637.6	637.6	642.6	647.3	637.6	627.9	618.0	608.3	598.6
5°	668.0	672.2	671.0	669.7	663.6	657.5	651.1	644.8	638.4	632.1	632.4
7.5°	572.4	582.6	590.9	598.9	591.2	583.4	579.3	575.1	571.0	566.9	566.3
10°	456.0	458.8	462.1	465.1	460.4	455.5	463.8	472.1	480.1	488.4	479.2
12.5°	423.7	426.2	420.4	414.3	412.4	410.4	408.5	406.3	404.3	402.1	401.0
15°	365.6	361.2	356.8	352.1	351.0	349.6	348.2	346.6	345.2	343.5	338.6
17.5°	316.2	311.8	304.3	296.6	293.5	290.2	289.4	288.5	287.4	286.6	281.9
20°	272.8	269.7	267.8	265.6	262.6	259.5	256.5	253.4	250.1	247.1	242.7
22.5°	261.5	258.1	255.6	252.9	252.3	251.8	246.3	240.4	234.9	229.1	226.6
25°	320.3	321.2	306.0	290.5	289.1	287.7	277.8	267.5	257.6	247.4	238.8
27.5°	346.0	346.9	346.3	345.7	341.3	336.6	319.8	302.6	285.8	268.6	256.5
30°	310.4	321.2	325.3	329.4	326.4	323.1	305.4	288.0	270.3	252.6	244.6
32.5°	225.0	228.8	235.8	242.4	246.0	249.3	243.8	238.2	232.7	227.2	225.8
35°	209.8	212.8	214.2	215.6	213.4	211.2	207.0	202.9	198.4	194.3	193.5
37.5°	213.9	216.4	219.2	221.9	215.9	209.5	204.8	200.4	195.7	191.0	187.1
40°	217.8	221.1	222.8	224.4	218.3	212.3	206.5	200.9	195.1	189.3	185.4
42.5°	218.3	220.3	223.3	226.4	217.8	208.9	203.7	198.2	192.9	187.4	183.5
45°	215.9	217.0	219.7	222.5	212.5	202.3	197.6	192.6	187.9	183.0	179.6
47.5°	212.3	212.8	215.0	217.0	206.5	195.7	191.3	186.8	182.1	177.7	174.4
50°	207.3	207.0	208.7	210.0	199.3	188.5	184.1	179.9	175.5	171.1	168.3
52.5°	200.9	200.4	202.0	203.4	192.1	180.8	176.9	173.3	169.4	165.6	163.3
55°	193.7	192.9	194.3	195.7	184.6	173.3	170.0	166.4	163.1	159.5	157.5
57.5°	191.0	189.0	189.9	190.7	178.3	165.8	162.5	159.2	155.9	152.6	151.2
60°	186.6	184.6	185.4	186.0	172.7	159.2	156.2	152.8	149.8	146.5	145.1
62.5°	173.8	172.5	173.6	174.7	162.8	150.6	147.9	145.4	142.6	139.8	137.9
65°	155.6	154.5	156.7	158.9	148.7	138.5	136.8	135.1	133.2	131.6	129.6
67.5°	139.6	138.5	140.7	142.9	135.4	128.0	126.3	124.6	123.0	121.3	120.2
70°	126.0	125.2	127.1	129.1	122.7	116.4	114.7	113.3	111.7	110.0	109.2
72.5°	110.8	109.7	112.2	114.4	109.2	103.6	102.3	100.6	99.2	97.6	97.0
75°	94.5	93.4	95.6	97.6	94.0	90.1	88.7	87.3	86.0	84.6	84.3
77.5°	77.9	76.6	78.8	80.7	78.5	76.0	74.9	73.5	72.4	71.0	71.0
80°	60.8	59.1	60.8	62.2	61.4	60.5	59.7	58.6	57.8	56.7	56.9
82.5°	43.1	41.5	42.3	43.1	43.7	44.2	44.2	44.2	44.2	44.2	44.2
85°	25.7	24.0	24.3	24.6	25.4	26.3	26.5	26.8	27.1	27.4	27.6
87.5°	6.6	5.8	5.3	4.4	5.3	5.8	6.4	6.6	7.2	7.5	7.5
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: P367140
 CATALOG NUMBER: MSA-SA2A-727-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: P367140
 CATALOG NUMBER: MSA-SA2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6
2.5°	589.0	579.0	569.3	575.4	581.2	587.3	593.1	593.4	593.4	593.7	593.7
5°	632.9	633.2	633.5	627.7	622.1	616.3	610.5	607.5	604.4	601.1	598.1
7.5°	565.5	564.9	564.1	558.6	553.0	547.5	542.0	528.7	515.2	501.9	488.4
10°	469.8	460.7	451.3	449.1	447.2	445.0	442.8	439.2	435.8	432.3	428.7
12.5°	399.9	398.8	397.7	391.9	386.1	380.0	374.2	374.2	374.2	374.2	374.2
15°	333.3	328.3	323.1	320.3	317.3	314.5	311.5	310.1	308.7	307.3	306.0
17.5°	276.9	272.2	267.3	266.7	266.2	265.6	265.0	263.7	262.3	260.9	259.5
20°	238.2	233.8	229.4	231.1	232.7	234.1	235.8	234.4	233.0	231.3	229.9
22.5°	223.9	221.4	218.6	217.2	215.9	214.2	212.8	212.8	213.1	213.1	213.1
25°	230.5	221.9	213.4	209.2	205.1	200.7	196.5	194.8	193.5	191.8	190.1
27.5°	244.3	231.9	219.7	212.5	205.3	198.2	191.0	187.9	184.6	181.6	178.3
30°	236.3	228.3	220.0	211.7	203.4	195.1	186.8	183.0	179.1	174.9	171.1
32.5°	224.4	222.8	221.4	213.6	205.9	197.9	190.1	188.5	187.1	185.4	183.8
35°	192.4	191.5	190.4	188.5	186.6	184.6	182.7	180.5	178.3	176.1	173.8
37.5°	183.5	179.6	175.8	174.9	174.1	173.3	172.5	171.6	170.8	169.7	168.9
40°	181.6	177.7	173.8	172.5	171.1	169.4	168.0	168.3	168.9	169.1	169.4
42.5°	179.4	175.5	171.4	170.2	169.1	168.0	166.9	167.2	167.8	168.0	168.3
45°	176.6	173.3	170.0	168.0	166.4	164.4	162.5	164.2	165.8	167.2	168.9
47.5°	171.1	167.5	164.2	163.1	162.0	160.6	159.5	161.1	162.8	164.2	165.8
50°	165.3	162.5	159.5	159.2	158.9	158.4	158.1	159.2	160.3	161.4	162.5
52.5°	160.9	158.6	156.2	156.2	155.9	155.9	155.6	156.7	157.8	158.6	159.7
55°	155.9	153.9	152.0	152.3	152.8	153.1	153.4	154.5	155.9	157.0	158.1
57.5°	149.5	148.1	146.5	147.6	148.4	149.5	150.3	151.2	152.3	153.1	153.9
60°	143.4	142.1	140.4	141.5	142.9	144.0	145.1	145.9	146.8	147.6	148.4
62.5°	136.0	133.8	131.8	133.5	134.9	136.5	137.9	138.5	139.3	139.8	140.4
65°	128.0	126.0	124.1	125.2	126.3	127.1	128.2	129.1	129.9	130.7	131.6
67.5°	118.8	117.7	116.4	117.2	118.0	118.8	119.7	119.9	119.9	120.2	120.2
70°	108.1	107.2	106.1	106.7	107.5	108.1	108.6	108.6	108.6	108.3	108.3
72.5°	96.7	96.2	95.6	95.9	96.5	96.7	97.0	96.7	96.5	96.2	95.9
75°	84.0	83.7	83.5	83.7	84.3	84.6	84.8	84.6	84.0	83.7	83.2
77.5°	71.3	71.3	71.3	71.3	71.6	71.6	71.6	71.0	70.5	69.9	69.4
80°	57.2	57.5	57.8	57.8	57.8	57.8	57.8	57.2	56.7	55.8	55.3
82.5°	44.2	44.2	44.2	44.2	44.5	44.5	44.5	43.1	42.0	40.6	39.2
85°	27.6	27.9	27.9	28.2	28.5	28.5	28.7	26.8	25.2	23.2	21.3
87.5°	7.5	7.5	7.5	7.5	7.5	7.2	7.2	5.5	3.6	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: P367140
 CATALOG NUMBER: MSA-SA2A-727-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: P367140
 CATALOG NUMBER: MSA-SA2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6
2.5°	595.3	597.0	598.4	600.0	600.3	600.6	600.6	600.8	595.0	589.2	583.2
5°	602.2	606.1	610.2	614.1	613.3	612.5	611.6	610.8	609.1	607.8	606.1
7.5°	485.3	482.6	479.5	476.5	479.0	481.4	483.9	486.4	487.5	488.6	489.5
10°	421.8	414.8	407.9	401.0	397.2	393.0	389.1	385.0	384.4	384.2	383.6
12.5°	367.0	359.6	352.4	344.9	342.7	340.2	338.0	335.5	337.7	339.9	341.9
15°	302.9	300.1	297.1	294.1	296.6	299.0	301.5	304.0	306.2	308.2	310.4
17.5°	258.1	257.0	255.6	254.3	256.5	259.0	261.2	263.4	268.4	273.3	278.3
20°	228.8	228.0	226.9	225.8	225.0	223.9	223.0	221.9	229.1	236.0	243.2
22.5°	211.4	209.8	208.1	206.5	206.7	207.0	207.0	207.3	213.1	219.2	225.0
25°	189.6	189.0	188.5	187.9	189.6	191.3	192.6	194.3	199.5	204.8	209.8
27.5°	178.5	178.8	179.1	179.4	181.6	184.1	186.3	188.5	192.1	195.7	199.3
30°	172.5	174.1	175.5	176.9	177.7	178.5	179.4	180.2	183.8	187.1	190.7
32.5°	181.6	179.4	176.9	174.7	175.8	177.2	178.3	179.4	182.7	186.0	189.3
35°	173.0	171.9	171.1	170.0	171.4	172.7	173.8	175.2	178.3	181.0	184.1
37.5°	168.6	168.3	168.0	167.8	168.6	169.4	170.0	170.8	173.6	176.3	178.8
40°	168.3	166.9	165.8	164.4	165.3	166.1	166.7	167.5	170.8	174.1	177.4
42.5°	166.7	165.0	163.1	161.4	162.2	163.3	164.2	165.0	168.6	171.9	175.5
45°	166.4	163.9	161.1	158.6	159.7	160.9	162.0	163.1	165.8	168.6	171.1
47.5°	163.3	160.9	158.4	155.9	156.4	157.0	157.3	157.8	160.3	162.5	165.0
50°	160.9	158.9	157.3	155.3	154.5	153.9	153.1	152.3	154.2	156.2	158.1
52.5°	157.8	155.9	153.7	151.7	150.6	149.5	148.4	147.3	149.0	150.3	152.0
55°	155.9	153.4	151.2	148.7	147.3	145.9	144.5	143.2	144.3	145.1	146.2
57.5°	151.7	149.5	147.0	144.8	143.2	141.5	139.6	137.9	138.5	139.0	139.6
60°	146.2	143.7	141.5	139.0	137.1	135.1	132.9	131.0	131.3	131.8	132.1
62.5°	138.2	136.0	133.5	131.3	129.1	127.1	124.9	122.7	123.3	123.5	124.1
65°	129.3	126.9	124.6	122.2	120.2	118.3	116.1	114.1	114.7	115.2	115.5
67.5°	118.6	116.6	115.0	113.0	111.4	109.4	107.8	105.9	106.1	106.4	106.7
70°	107.0	105.3	103.9	102.3	100.9	99.5	98.1	96.7	96.7	97.0	97.0
72.5°	94.5	93.1	91.8	90.4	89.0	87.9	86.5	85.1	85.7	86.2	86.5
75°	81.8	80.7	79.3	77.9	76.8	75.7	74.3	73.2	73.8	74.3	74.6
77.5°	68.5	67.7	66.6	65.8	64.7	63.6	62.2	61.1	61.6	62.2	62.5
80°	54.7	54.2	53.3	52.8	51.7	50.6	49.5	48.4	48.6	48.6	48.9
82.5°	39.5	39.8	39.8	40.1	39.2	38.1	37.3	36.2	36.2	36.2	35.9
85°	22.1	23.2	24.0	24.9	24.0	23.2	22.4	21.6	21.3	21.3	21.0
87.5°	0.8	1.4	2.2	2.8	2.5	2.2	1.7	1.4	1.7	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: P367140
 CATALOG NUMBER: MSA-SA2A-727-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: P367140
 CATALOG NUMBER: MSA-SA2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6
2.5°	577.4	582.1	586.7	591.4	596.1	603.3	610.5	618.0	625.4	621.3	616.9
5°	604.4	607.2	610.2	613.0	615.8	623.8	631.5	641.2	650.6	649.5	648.1
7.5°	490.6	494.4	498.3	501.9	505.8	517.9	530.1	540.3	550.5	549.2	547.5
10°	383.1	391.1	399.4	407.4	415.4	425.3	435.0	443.6	452.2	466.5	480.6
12.5°	344.1	356.5	369.0	381.4	393.8	401.0	407.9	419.0	430.0	437.8	445.8
15°	312.3	323.9	335.5	347.1	358.7	359.3	359.8	371.5	383.1	389.7	396.0
17.5°	283.3	289.6	296.0	302.1	308.4	306.2	304.0	309.5	314.8	317.6	320.6
20°	250.1	254.5	259.0	263.4	267.8	270.9	273.6	276.9	280.0	277.2	274.2
22.5°	230.8	237.4	244.3	251.0	257.6	259.5	261.2	259.2	257.3	256.5	255.6
25°	215.0	223.0	231.3	239.3	247.4	251.2	255.1	256.8	258.1	255.1	252.1
27.5°	202.9	212.5	221.9	231.6	241.0	247.9	254.8	256.8	258.4	256.2	253.7
30°	194.0	204.5	215.0	225.5	236.0	246.5	256.8	265.9	274.7	273.9	273.1
32.5°	192.6	199.8	207.0	214.2	221.4	228.0	234.4	234.9	235.2	233.0	230.5
35°	186.8	191.5	196.2	200.9	205.6	209.8	213.6	213.1	212.5	210.3	208.1
37.5°	181.6	186.3	191.3	196.0	200.7	207.8	214.7	213.4	211.7	209.5	207.3
40°	180.8	186.0	191.3	196.2	201.5	208.1	214.7	213.4	212.0	209.2	206.5
42.5°	178.8	184.1	189.0	194.3	199.3	207.3	215.0	212.5	209.8	207.6	205.3
45°	173.8	178.5	183.2	187.9	192.6	201.2	209.8	206.7	203.7	202.9	201.8
47.5°	167.2	171.9	176.6	181.3	186.0	194.6	202.9	200.4	197.6	197.3	196.8
50°	160.0	164.4	169.1	173.6	178.0	186.6	194.8	192.6	190.4	190.7	190.7
52.5°	153.4	157.5	161.4	165.6	169.4	178.0	186.3	184.6	182.7	183.2	183.5
55°	147.0	150.3	153.7	157.0	160.3	168.6	176.9	174.4	171.9	172.7	173.6
57.5°	140.1	142.9	145.7	148.1	150.9	159.2	167.2	164.4	161.4	162.8	163.9
60°	132.4	134.9	137.4	139.6	142.1	149.5	156.7	154.2	151.5	153.4	155.0
62.5°	124.4	126.3	128.2	130.2	132.1	139.0	145.9	144.0	142.1	144.3	146.2
65°	116.1	117.5	119.1	120.5	121.9	128.5	134.9	133.5	132.1	134.0	136.0
67.5°	107.0	108.1	109.4	110.6	111.7	117.7	123.8	122.4	120.8	122.4	123.8
70°	97.0	98.1	98.9	100.0	100.9	106.4	111.9	110.0	107.8	109.4	110.8
72.5°	87.1	87.6	88.4	89.0	89.5	93.7	97.8	96.2	94.5	96.2	97.6
75°	75.2	75.7	76.3	76.8	77.4	81.0	84.3	82.4	80.1	81.8	83.5
77.5°	63.0	63.3	63.8	64.1	64.4	66.9	69.1	67.2	64.9	66.9	68.8
80°	48.9	49.2	49.5	49.5	49.7	50.6	51.4	50.0	48.4	50.9	53.3
82.5°	35.9	35.7	35.7	35.4	35.1	35.1	34.8	34.0	32.9	35.1	37.3
85°	20.7	20.5	19.9	19.6	19.1	18.2	17.4	17.1	16.9	18.8	20.7
87.5°	2.2	1.9	1.4	1.1	0.6	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: P367140
 CATALOG NUMBER: MSA-SA2A-727-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: P367140

CATALOG NUMBER: MSA-SA2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6
2.5°	612.7	608.3	604.2	600.0	595.9	591.7	599.5	607.2	614.9	622.7	629.6
5°	647.0	645.6	642.0	638.7	635.1	631.5	633.5	635.7	637.6	639.5	643.7
7.5°	546.1	544.5	552.2	559.7	567.4	574.9	576.8	578.5	580.4	582.1	580.9
10°	495.0	509.1	512.7	516.0	519.6	522.9	528.4	534.0	539.2	544.7	547.8
12.5°	453.5	461.3	474.0	487.0	499.7	512.4	520.7	529.0	537.3	545.6	562.7
15°	402.7	409.0	418.7	428.4	438.1	447.7	459.6	471.8	483.7	495.5	514.3
17.5°	323.4	326.1	333.3	340.5	347.4	354.6	370.6	386.4	402.4	418.2	439.7
20°	271.4	268.4	268.4	268.6	268.6	268.6	284.7	300.4	316.5	332.2	360.7
22.5°	254.5	253.7	250.7	247.4	244.3	241.0	249.3	257.9	266.2	274.4	297.7
25°	248.7	245.7	241.8	238.0	234.1	230.2	235.5	240.7	246.0	251.2	269.5
27.5°	251.5	249.0	251.0	252.6	254.5	256.2	257.9	259.5	261.2	262.8	269.2
30°	272.2	271.4	274.4	277.2	280.2	283.0	279.1	275.5	271.7	267.8	270.0
32.5°	228.3	225.8	224.7	223.6	222.5	221.4	221.1	220.8	220.3	220.0	225.0
35°	205.9	203.7	202.0	200.4	198.4	196.8	197.6	198.2	199.0	199.5	205.1
37.5°	205.1	202.9	200.9	199.0	196.8	194.8	195.7	196.8	197.6	198.4	202.6
40°	203.7	200.9	199.8	198.7	197.6	196.5	197.1	197.6	197.9	198.4	201.5
42.5°	202.9	200.7	200.1	199.5	199.0	198.4	199.0	199.5	199.8	200.4	204.0
45°	200.9	199.8	200.4	200.9	201.5	202.0	202.0	202.0	202.0	202.0	205.9
47.5°	196.5	196.0	197.6	199.3	200.9	202.6	205.3	208.1	210.6	213.4	214.2
50°	191.0	191.0	193.7	196.5	199.0	201.8	208.4	214.7	221.4	227.7	223.6
52.5°	184.1	184.3	188.5	192.4	196.5	200.4	206.5	212.5	218.3	224.4	218.3
55°	174.1	174.9	180.2	185.2	190.4	195.4	200.1	204.8	209.5	214.2	207.8
57.5°	165.3	166.4	171.9	177.2	182.7	187.9	190.7	193.7	196.5	199.3	195.1
60°	157.0	158.6	165.8	173.0	179.9	187.1	184.9	182.7	180.2	178.0	177.7
62.5°	148.4	150.3	157.0	163.6	170.0	176.6	173.3	170.0	166.4	163.1	164.4
65°	137.6	139.6	142.6	145.7	148.4	151.5	151.2	151.2	150.9	150.6	153.4
67.5°	125.5	126.9	128.8	130.5	132.4	134.0	135.1	136.5	137.6	138.7	142.1
70°	112.5	113.9	115.8	117.5	119.4	121.1	122.4	123.8	124.9	126.3	129.6
72.5°	99.2	100.6	102.5	104.5	106.1	108.1	109.2	110.3	111.1	112.2	115.0
75°	85.1	86.8	88.7	90.4	92.3	94.0	94.8	95.6	96.5	97.3	99.8
77.5°	70.8	72.7	74.6	76.6	78.5	80.4	80.7	81.0	81.3	81.5	83.7
80°	55.6	58.0	60.0	61.9	63.8	65.8	65.8	65.8	65.8	65.8	66.9
82.5°	39.5	41.7	43.9	45.9	48.1	50.0	50.0	49.7	49.7	49.5	49.5
85°	22.7	24.6	26.0	27.6	29.0	30.4	30.4	30.4	30.1	30.1	29.6
87.5°	3.6	4.7	5.3	6.1	6.6	7.2	6.9	6.9	6.6	6.4	5.5
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: P367140
 CATALOG NUMBER: MSA-SA2A-727-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: P367140
 CATALOG NUMBER: MSA-SA2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6
2.5°	636.5	643.4	650.3	649.2	648.1	647.0	645.9	650.0	653.9	658.1	661.9
5°	647.6	651.7	655.6	658.6	661.6	664.7	667.7	681.8	695.6	709.7	723.6
7.5°	579.8	578.5	577.4	590.3	603.6	616.6	629.6	647.6	665.5	683.5	701.4
10°	550.8	553.9	556.9	562.2	567.7	572.9	578.2	595.9	613.6	631.2	648.9
12.5°	579.6	596.7	613.6	617.7	622.1	626.3	630.4	634.0	637.6	640.9	644.5
15°	533.1	551.9	570.7	581.5	592.3	602.8	613.6	640.6	667.5	694.5	721.3
17.5°	461.0	482.6	503.8	530.4	556.9	583.4	610.0	634.8	659.7	684.3	709.2
20°	389.1	417.3	445.8	474.8	503.6	532.6	561.3	585.6	610.0	634.0	658.3
22.5°	320.6	343.8	366.8	402.1	437.2	472.6	507.7	553.0	598.1	643.4	688.5
25°	287.4	305.7	323.6	360.1	396.6	432.8	469.3	528.2	586.7	645.6	704.2
27.5°	275.8	282.2	288.5	321.7	354.6	387.8	420.6	484.2	547.8	611.1	674.6
30°	272.2	274.4	276.7	302.6	328.6	354.6	380.6	443.3	506.3	569.1	631.8
32.5°	229.7	234.6	239.3	264.8	289.9	315.3	340.5	403.8	466.8	530.1	593.1
35°	210.6	216.1	221.7	246.5	271.4	296.0	320.9	387.5	454.4	521.0	587.6
37.5°	206.7	210.9	215.0	243.2	271.4	299.6	327.8	395.2	462.7	530.1	597.5
40°	204.8	207.8	210.9	238.2	265.9	293.2	320.6	391.4	461.8	532.6	603.1
42.5°	207.3	210.9	214.2	239.1	263.7	288.5	313.1	386.4	459.3	532.6	605.5
45°	209.5	213.4	217.0	240.2	263.4	286.6	309.8	388.0	466.0	544.2	622.1
47.5°	214.7	215.6	216.1	236.3	256.2	276.4	296.3	375.9	455.5	534.8	614.4
50°	219.2	215.0	210.6	231.6	252.3	273.3	294.1	369.5	445.0	520.1	595.6
52.5°	212.3	205.9	199.8	222.5	245.1	267.5	290.2	365.6	441.4	516.8	592.3
55°	201.8	195.4	189.0	212.0	234.9	257.9	280.8	356.0	431.4	506.6	581.8
57.5°	191.3	187.1	183.0	201.8	220.8	239.6	258.4	339.9	421.2	502.7	584.0
60°	177.4	176.9	176.6	191.3	206.2	220.8	235.5	315.3	394.9	474.8	554.4
62.5°	165.6	166.9	168.0	179.9	191.8	203.4	215.3	292.4	369.8	446.9	524.0
65°	156.4	159.2	162.0	175.5	189.0	202.3	215.9	280.5	345.2	409.9	474.5
67.5°	145.4	148.7	152.0	169.7	187.4	205.1	222.8	276.1	329.4	382.8	436.1
70°	132.7	136.0	139.0	161.7	184.1	206.7	229.1	276.4	323.9	371.2	418.4
72.5°	117.7	120.5	123.3	147.6	171.9	196.2	220.5	260.6	300.7	340.5	380.6
75°	102.5	105.0	107.5	128.5	149.5	170.5	191.5	222.5	253.2	284.1	314.8
77.5°	85.7	87.9	89.8	103.9	118.0	132.1	146.2	170.0	193.5	217.2	240.7
80°	68.0	69.1	70.2	78.5	86.5	94.8	102.8	118.6	134.3	149.8	165.6
82.5°	49.7	49.7	49.7	55.0	60.5	65.8	71.0	79.0	86.8	94.8	102.5
85°	29.0	28.2	27.6	31.2	34.8	38.4	42.0	45.3	48.6	52.0	55.3
87.5°	4.7	3.6	2.8	5.0	7.2	9.4	11.6	12.7	14.1	15.2	16.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367140
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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: P367140

CATALOG NUMBER: MSA-SA2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6
2.5°	652.5	643.4	634.0	624.6	638.4	652.3	666.1	679.9	716.6	738.5	739.9
5°	735.2	746.8	758.4	770.0	781.6	793.2	804.5	816.1	875.8	912.6	919.5
7.5°	720.5	739.9	758.9	778.0	810.9	843.8	876.7	909.6	960.1	996.6	1020.7
10°	672.7	696.5	720.2	744.0	783.0	822.2	861.2	900.2	953.8	1001.9	1024.8
12.5°	682.4	720.2	757.8	795.7	829.4	863.4	897.1	930.8	967.9	986.1	1027.8
15°	747.6	773.9	800.1	826.4	877.2	927.8	978.7	1029.2	1050.2	1092.0	1129.6
17.5°	757.6	805.6	854.0	902.1	964.3	1026.5	1088.7	1150.8	1189.8	1243.7	1289.0
20°	726.6	794.6	862.9	930.8	1011.0	1091.4	1171.6	1251.7	1301.2	1346.5	1416.7
22.5°	763.6	838.8	913.7	988.9	1095.3	1201.4	1307.8	1413.9	1517.3	1618.5	1666.0
25°	804.5	905.1	1005.5	1105.8	1238.7	1371.4	1504.3	1637.0	1769.9	1864.7	1919.4
27.5°	775.8	876.7	977.8	1078.7	1243.1	1407.9	1572.3	1736.8	1879.1	1993.2	2040.2
30°	755.6	879.4	1003.3	1127.1	1320.0	1512.9	1705.8	1898.7	2030.3	2157.7	2226.8
32.5°	752.0	910.9	1069.6	1228.5	1453.2	1677.6	1902.3	2126.7	2214.1	2327.1	2420.2
35°	762.0	936.6	1111.0	1285.4	1543.0	1800.6	2057.9	2315.5	2439.6	2551.5	2633.0
37.5°	792.4	987.2	1181.8	1376.6	1687.0	1997.7	2308.0	2618.4	2826.5	3031.3	3067.8
40°	809.5	1016.2	1222.7	1429.1	1790.1	2151.0	2512.0	2872.9	3112.3	3337.0	3352.2
42.5°	829.7	1053.8	1277.7	1501.8	1902.0	2302.5	2702.7	3102.9	3399.2	3640.7	3647.9
45°	852.9	1083.4	1314.2	1544.7	1962.6	2380.2	2798.0	3215.7	3573.8	3867.4	3795.8
47.5°	862.0	1109.9	1357.6	1605.2	2050.7	2496.0	2941.5	3386.7	3708.2	3975.1	3906.6
50°	865.6	1135.9	1405.9	1676.0	2137.5	2599.3	3060.9	3522.4	3849.4	4109.7	4004.7
52.5°	888.0	1183.7	1479.4	1775.2	2256.1	2737.0	3217.9	3698.8	4020.5	4270.6	4140.1
55°	918.1	1254.5	1590.6	1926.9	2424.7	2922.1	3419.9	3917.4	4240.2	4472.9	4311.2
57.5°	946.0	1308.4	1670.4	2032.5	2548.2	3064.2	3579.9	4095.6	4422.6	4652.8	4496.1
60°	932.5	1310.6	1688.7	2066.8	2573.6	3080.2	3587.1	4093.7	4464.9	4741.0	4660.8
62.5°	891.6	1259.2	1626.5	1994.1	2475.2	2956.1	3437.3	3918.2	4352.7	4706.7	4703.1
65°	812.8	1151.1	1489.1	1827.4	2272.7	2718.2	3163.4	3608.7	4120.8	4550.8	4578.7
67.5°	716.9	997.7	1278.5	1559.3	1978.6	2397.9	2817.1	3236.4	3783.9	4258.4	4282.5
70°	624.1	830.0	1035.6	1241.2	1609.3	1977.5	2345.3	2713.5	3266.5	3746.6	3768.7
72.5°	515.2	649.8	784.1	918.7	1216.9	1515.1	1813.0	2111.2	2596.8	2966.1	3090.7
75°	394.7	474.5	554.4	634.3	875.6	1116.8	1357.8	1599.1	1921.9	2194.4	2334.8
77.5°	282.2	323.6	365.1	406.6	611.6	816.7	1021.5	1226.6	1396.3	1550.8	1645.6
80°	185.2	204.5	224.1	243.5	414.0	584.5	754.8	925.3	1028.7	1111.6	1159.4
82.5°	112.2	121.9	131.3	141.0	279.1	417.3	555.2	693.4	752.6	792.1	834.7
85°	60.5	65.8	71.0	76.3	165.0	253.4	342.2	430.6	436.4	441.1	504.4
87.5°	17.7	19.3	20.7	22.1	36.5	51.1	65.5	79.9	49.7	31.0	63.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367140
 CATALOG NUMBER: MSA-SA2A-727-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: P367140

CATALOG NUMBER: MSA-SA2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6
2.5°	731.8	728.3	724.7	720.8	717.2	702.0	687.1	671.9	656.7	671.3	685.7
5°	911.5	922.5	933.3	944.4	955.4	956.3	956.8	957.6	958.2	961.0	963.7
7.5°	1040.8	1060.5	1079.8	1099.4	1119.1	1134.3	1149.5	1164.9	1180.1	1166.3	1152.5
10°	1051.9	1093.3	1134.8	1176.3	1217.7	1225.2	1232.4	1239.8	1247.3	1257.2	1266.9
12.5°	1062.9	1113.5	1163.8	1214.4	1265.0	1287.1	1308.9	1331.0	1352.9	1363.6	1374.1
15°	1179.9	1209.7	1239.3	1269.1	1298.7	1313.9	1328.8	1344.0	1359.2	1368.3	1377.2
17.5°	1330.2	1341.3	1352.0	1363.1	1374.1	1384.4	1394.6	1404.8	1415.1	1416.7	1418.4
20°	1467.3	1469.5	1471.4	1473.6	1475.6	1454.0	1432.7	1411.2	1389.6	1393.5	1397.1
22.5°	1672.9	1660.8	1648.9	1636.7	1624.8	1584.2	1543.8	1503.2	1462.9	1445.5	1428.3
25°	1982.5	1951.5	1920.5	1889.6	1858.6	1794.0	1729.6	1664.9	1600.5	1562.6	1525.1
27.5°	2082.2	2014.8	1947.6	1880.2	1812.8	1763.8	1715.2	1666.3	1617.6	1557.7	1497.7
30°	2284.0	2177.6	2071.5	1965.0	1858.6	1811.4	1764.1	1716.6	1669.3	1608.0	1546.9
32.5°	2462.8	2352.2	2241.7	2130.9	2020.3	1930.8	1841.2	1751.7	1662.1	1620.7	1579.2
35°	2669.8	2530.8	2391.8	2252.8	2113.7	2036.9	1960.3	1883.5	1807.0	1744.2	1681.8
37.5°	2971.3	2823.5	2675.6	2527.5	2379.6	2275.7	2172.1	2068.1	1964.5	1929.9	1895.7
40°	3258.8	3084.1	2909.7	2735.0	2560.6	2481.0	2401.4	2321.6	2242.0	2183.7	2125.3
42.5°	3499.5	3326.8	3154.3	2981.6	2809.1	2751.1	2693.3	2635.3	2577.5	2529.4	2481.3
45°	3582.1	3441.2	3300.5	3159.5	3018.6	2998.1	2978.0	2957.5	2937.3	2901.7	2866.0
47.5°	3715.1	3571.4	3427.9	3284.2	3140.5	3147.9	3155.4	3163.1	3170.6	3172.5	3174.2
50°	3793.3	3656.8	3520.5	3384.0	3247.7	3283.9	3319.8	3356.1	3392.3	3474.3	3556.2
52.5°	3907.4	3773.4	3639.6	3505.6	3371.5	3432.9	3494.0	3555.3	3616.4	3731.4	3846.3
55°	4050.6	3922.4	3794.4	3666.1	3538.2	3597.9	3657.3	3717.0	3776.4	3904.4	4032.3
57.5°	4240.5	4103.1	3966.0	3828.7	3691.6	3746.6	3801.3	3856.3	3911.0	4032.6	4154.2
60°	4456.6	4307.3	4158.1	4008.6	3859.3	3874.5	3889.5	3904.7	3919.6	4051.4	4183.0
62.5°	4562.7	4424.5	4286.6	4148.4	4010.2	3968.0	3925.7	3883.1	3840.8	3958.8	4076.6
65°	4470.7	4375.6	4280.8	4185.7	4090.7	4016.0	3941.7	3867.1	3792.5	3866.2	3939.8
67.5°	4177.7	4123.8	4070.2	4016.3	3962.4	3837.2	3712.0	3586.6	3461.4	3466.3	3471.0
70°	3702.9	3688.5	3674.4	3660.1	3645.7	3457.5	3269.5	3081.3	2893.1	2864.4	2835.6
72.5°	3101.2	3110.6	3119.8	3129.1	3138.5	2936.2	2733.9	2531.6	2329.3	2281.5	2233.7
75°	2402.0	2454.0	2505.9	2558.2	2610.1	2416.6	2223.2	2029.4	1836.0	1777.1	1718.2
77.5°	1697.2	1794.2	1891.0	1988.0	2085.0	1910.0	1735.4	1560.4	1385.5	1347.3	1309.2
80°	1183.4	1231.0	1278.5	1326.1	1373.6	1285.7	1197.8	1109.9	1022.0	1032.5	1042.8
82.5°	862.0	873.1	883.9	894.9	906.0	870.0	834.1	797.9	762.0	789.3	816.7
85°	552.2	591.7	631.0	670.5	709.7	669.9	630.1	590.1	550.3	568.5	586.7
87.5°	123.5	195.4	267.3	339.4	411.2	372.6	334.1	295.4	256.8	239.3	222.2
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: P367140
 CATALOG NUMBER: MSA-SA2A-727-U-SLR

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: P367140

CATALOG NUMBER: MSA-SA2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6
2.5°	700.3	715.0	710.6	706.4	702.0	697.6	705.6	713.6	721.9	729.9	727.1
5°	966.8	969.5	943.3	917.3	891.0	864.8	881.1	897.4	913.7	930.0	924.2
7.5°	1138.7	1124.9	1109.7	1094.5	1079.0	1063.8	1060.5	1057.1	1053.6	1050.2	1045.8
10°	1276.9	1286.5	1276.6	1266.9	1257.0	1247.0	1223.8	1200.6	1177.1	1153.9	1144.2
12.5°	1384.9	1395.7	1398.2	1400.4	1402.9	1405.4	1379.4	1353.7	1327.7	1301.7	1278.2
15°	1386.3	1395.4	1403.4	1411.2	1419.2	1426.9	1410.9	1395.2	1379.1	1363.1	1355.6
17.5°	1420.3	1422.0	1415.3	1409.0	1402.3	1396.0	1389.6	1383.5	1377.2	1371.1	1359.2
20°	1401.0	1404.8	1404.0	1403.2	1402.1	1401.2	1401.8	1402.1	1402.6	1402.9	1396.3
22.5°	1410.9	1393.5	1397.1	1400.4	1404.0	1407.3	1417.3	1427.2	1437.4	1447.4	1473.9
25°	1487.2	1449.3	1443.5	1438.0	1432.2	1426.7	1452.6	1478.3	1504.3	1530.3	1573.4
27.5°	1437.4	1377.5	1364.2	1350.9	1337.7	1324.4	1363.9	1403.2	1442.7	1482.2	1526.2
30°	1485.5	1424.5	1395.2	1365.9	1336.3	1307.0	1344.9	1382.4	1420.3	1457.9	1506.5
32.5°	1537.8	1496.3	1476.7	1457.3	1437.7	1418.4	1421.4	1424.5	1427.5	1430.5	1499.1
35°	1619.0	1556.3	1536.9	1517.6	1498.2	1478.9	1511.2	1543.3	1575.6	1607.7	1665.7
37.5°	1861.1	1826.6	1791.8	1756.9	1721.8	1687.0	1706.1	1725.1	1744.2	1763.3	1818.0
40°	2067.0	2008.7	2002.9	1997.4	1991.6	1985.8	1987.4	1988.8	1990.5	1992.1	2038.8
42.5°	2433.0	2384.9	2355.3	2325.7	2296.1	2266.6	2264.6	2262.7	2260.5	2258.6	2293.7
45°	2830.1	2794.5	2772.3	2750.2	2727.8	2705.7	2670.6	2635.5	2600.2	2565.1	2595.7
47.5°	3176.1	3178.1	3218.1	3257.9	3298.0	3338.1	3278.1	3218.1	3158.2	3098.2	3058.7
50°	3638.2	3720.0	3729.7	3739.1	3748.8	3758.5	3656.8	3555.3	3453.6	3351.9	3310.5
52.5°	3961.6	4076.6	4061.6	4047.0	4032.1	4017.1	3958.3	3899.7	3840.8	3782.0	3691.6
55°	4160.6	4288.6	4277.2	4266.2	4254.8	4243.5	4200.7	4157.8	4115.0	4072.1	3972.9
57.5°	4275.8	4397.4	4400.8	4404.1	4407.4	4410.7	4399.4	4388.0	4376.7	4365.4	4236.3
60°	4314.8	4446.6	4448.0	4449.1	4450.5	4451.6	4433.6	4415.7	4397.4	4379.5	4295.2
62.5°	4194.6	4312.3	4317.6	4322.5	4327.8	4333.0	4320.6	4308.2	4295.7	4283.3	4220.8
65°	4013.6	4087.3	4088.7	4089.8	4091.2	4092.6	4061.1	4029.9	3998.4	3966.8	3951.9
67.5°	3476.0	3481.0	3510.3	3539.6	3568.9	3598.2	3600.6	3603.1	3605.9	3608.4	3586.8
70°	2806.9	2778.1	2809.9	2841.7	2873.5	2905.3	2918.8	2932.4	2946.2	2959.7	2969.7
72.5°	2185.6	2137.8	2161.3	2184.8	2208.5	2232.0	2211.9	2191.7	2171.5	2151.3	2215.2
75°	1659.4	1600.5	1597.5	1594.7	1591.7	1588.9	1578.7	1568.4	1557.9	1547.7	1607.4
77.5°	1270.8	1232.6	1234.6	1236.2	1238.2	1239.8	1229.3	1219.1	1208.6	1198.1	1221.0
80°	1053.3	1063.5	1063.8	1064.1	1064.3	1064.6	1054.7	1045.0	1035.0	1025.1	1008.5
82.5°	844.3	871.7	871.4	871.4	871.1	870.9	870.3	869.8	868.9	868.4	841.3
85°	605.0	623.2	604.4	585.6	566.9	548.1	561.9	575.7	589.8	603.6	592.3
87.5°	204.8	187.7	165.3	143.2	120.8	98.4	122.4	146.5	170.8	194.8	208.7
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: P367140
 CATALOG NUMBER: MSA-SA2A-727-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: P367140

CATALOG NUMBER: MSA-SA2A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6	600.6
2.5°	724.7	721.9	719.4	702.0	684.3	666.9	649.2	681.3	713.6	745.7	777.7
5°	918.7	912.9	907.3	906.0	904.6	902.9	901.5	917.9	934.2	950.2	966.5
7.5°	1041.4	1037.0	1032.5	1020.9	1009.6	998.0	986.4	996.3	1006.0	1016.0	1025.6
10°	1134.8	1125.1	1115.5	1090.3	1065.4	1040.3	1015.1	1007.7	1000.2	992.7	985.3
12.5°	1254.8	1231.0	1207.5	1179.0	1150.3	1121.8	1093.1	1089.2	1085.3	1081.7	1077.9
15°	1348.4	1341.0	1333.5	1310.9	1288.2	1265.5	1242.9	1212.5	1181.8	1151.4	1121.0
17.5°	1347.6	1335.7	1324.1	1354.5	1384.7	1415.1	1445.2	1412.8	1380.2	1347.9	1315.6
20°	1389.6	1382.7	1376.1	1432.2	1488.0	1544.1	1600.0	1582.3	1564.3	1546.6	1528.6
22.5°	1500.2	1526.7	1553.0	1601.1	1648.9	1697.0	1744.8	1764.9	1785.1	1805.3	1825.5
25°	1616.3	1659.4	1702.5	1774.1	1845.4	1917.0	1988.5	2002.9	2017.3	2031.7	2046.0
27.5°	1569.8	1613.8	1657.7	1711.9	1765.8	1819.9	1873.8	1936.9	2000.1	2063.2	2126.2
30°	1554.9	1603.5	1651.9	1726.3	1800.3	1874.7	1949.0	2035.8	2122.6	2209.1	2295.9
32.5°	1567.3	1635.9	1704.4	1805.0	1905.3	2005.9	2106.6	2197.8	2289.2	2380.4	2471.6
35°	1723.5	1781.5	1839.3	1951.8	2064.3	2176.8	2289.2	2396.2	2503.2	2609.8	2716.8
37.5°	1872.5	1927.2	1981.9	2096.9	2211.6	2326.5	2441.5	2610.4	2779.5	2948.4	3117.3
40°	2085.3	2132.0	2178.4	2276.8	2375.2	2473.6	2572.0	2775.7	2979.4	3183.0	3386.7
42.5°	2328.5	2363.6	2398.4	2500.4	2602.4	2704.4	2806.3	3028.0	3249.9	3471.6	3693.2
45°	2626.1	2656.8	2687.5	2757.7	2827.9	2898.4	2968.6	3197.1	3425.7	3654.3	3882.8
47.5°	3019.1	2979.6	2940.1	2974.7	3009.2	3043.7	3078.3	3304.4	3530.4	3756.2	3982.3
50°	3269.0	3227.5	3186.1	3189.1	3191.9	3194.9	3198.0	3408.8	3619.7	3830.3	4041.2
52.5°	3601.2	3510.5	3420.2	3419.3	3418.5	3417.4	3416.6	3600.4	3784.4	3968.2	4152.0
55°	3873.7	3774.5	3675.3	3655.9	3636.6	3617.0	3597.6	3779.5	3961.0	4142.9	4324.5
57.5°	4107.2	3977.9	3848.8	3818.4	3788.0	3757.6	3727.2	3923.2	4119.4	4315.4	4511.3
60°	4211.2	4126.9	4042.9	4005.5	3968.2	3930.9	3893.6	4060.5	4227.5	4394.1	4561.1
62.5°	4158.7	4096.2	4034.0	4042.6	4051.1	4059.7	4068.3	4163.6	4259.3	4354.6	4450.0
65°	3937.3	3922.4	3907.7	3976.8	4045.9	4115.0	4184.1	4185.5	4186.8	4188.2	4189.6
67.5°	3565.3	3543.7	3522.2	3665.9	3809.3	3953.0	4096.7	4028.5	3960.2	3892.2	3824.0
70°	2979.4	2989.3	2999.0	3194.6	3390.0	3585.7	3781.4	3682.5	3583.2	3484.3	3385.1
72.5°	2279.0	2343.1	2407.0	2609.8	2812.7	3015.6	3218.4	3105.4	2992.1	2879.0	2765.7
75°	1667.1	1726.8	1786.5	1986.9	2187.3	2387.9	2588.3	2454.0	2319.6	2185.6	2051.3
77.5°	1244.0	1267.2	1290.1	1456.8	1623.2	1789.8	1956.2	1821.3	1686.5	1551.9	1417.0
80°	992.2	975.6	959.3	1051.6	1143.9	1236.2	1328.5	1232.9	1137.0	1041.4	945.8
82.5°	814.5	787.4	760.6	794.9	829.1	863.7	898.0	821.4	744.8	668.3	591.7
85°	580.9	569.6	558.3	568.2	577.9	587.9	597.8	523.2	448.6	374.2	299.6
87.5°	222.2	236.0	249.8	265.6	281.1	296.8	312.3	244.6	176.9	109.4	41.7
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



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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°	600.6	600.6
2.5°	791.0	804.3
5°	966.2	965.9
7.5°	1021.2	1016.5
10°	973.1	961.0
12.5°	1041.9	1005.7
15°	1085.1	1048.9
17.5°	1261.1	1206.4
20°	1463.7	1398.5
22.5°	1726.3	1627.0
25°	1927.5	1808.6
27.5°	2055.7	1984.9
30°	2214.9	2133.9
32.5°	2411.9	2352.0
35°	2662.1	2607.1
37.5°	3100.1	3082.7
40°	3366.0	3345.0
42.5°	3694.1	3694.6
45°	3895.3	3907.7
47.5°	4013.8	4045.1
50°	4108.4	4175.2
52.5°	4243.5	4335.0
55°	4446.1	4567.4
57.5°	4614.7	4718.0
60°	4614.7	4668.0
62.5°	4448.6	4446.9
65°	4163.9	4137.9
67.5°	3791.3	3758.7
70°	3334.2	3283.1
72.5°	2702.4	2638.9
75°	1964.2	1876.9
77.5°	1375.5	1333.8
80°	965.9	986.1
82.5°	620.5	649.2
85°	295.2	290.7
87.5°	34.8	27.9
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-727-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)