

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: P367271

Luminaire Tested: **MSA-SA2B-727-U-SLR-HSS**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367271
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA2B-727-U-SLR-HSS
Description: MESA POST TOP DECORATIVE LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6077 lumens
Efficiency: N/A
Efficacy: 71.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

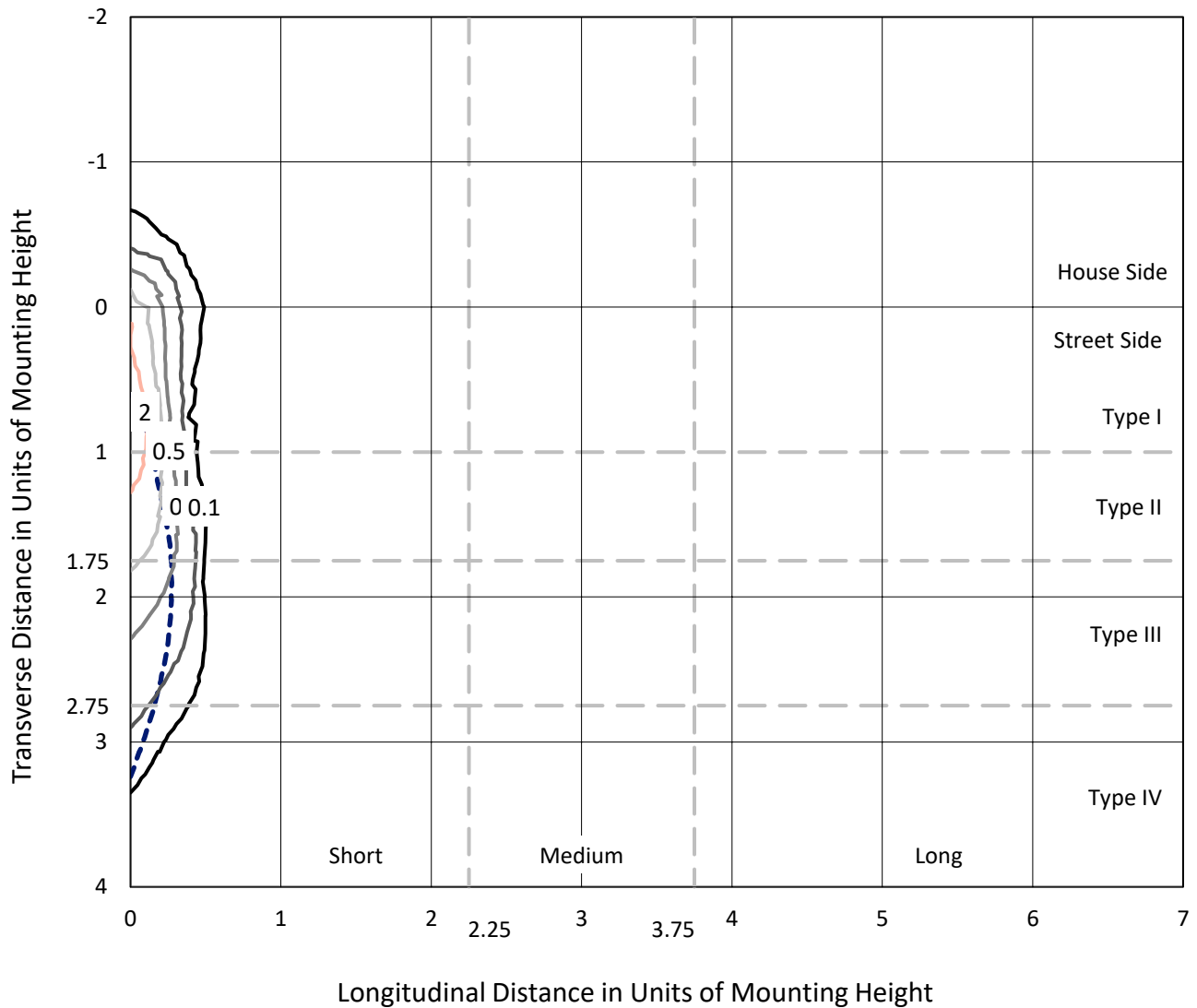
Input Watts (W): 85
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

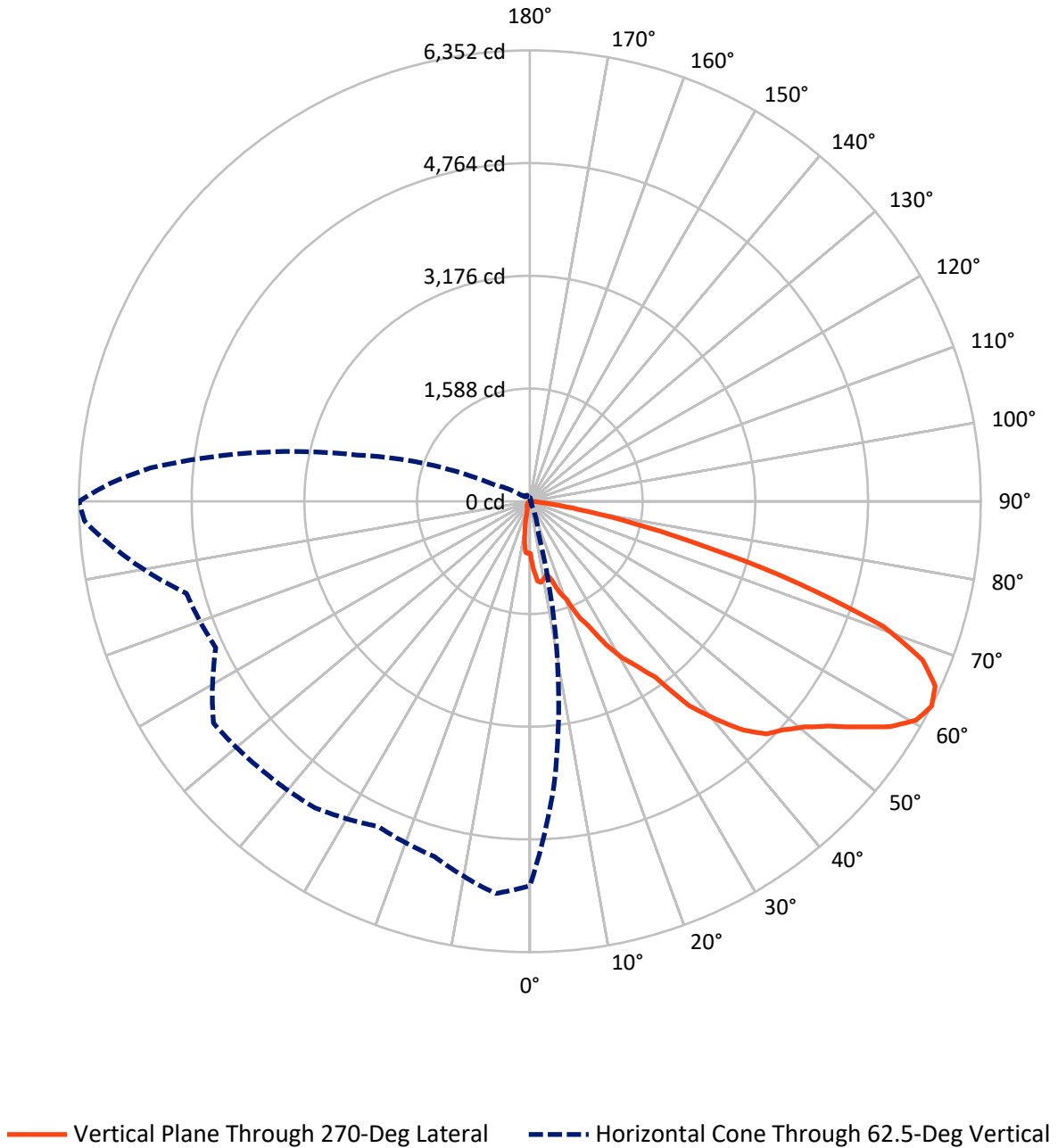
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



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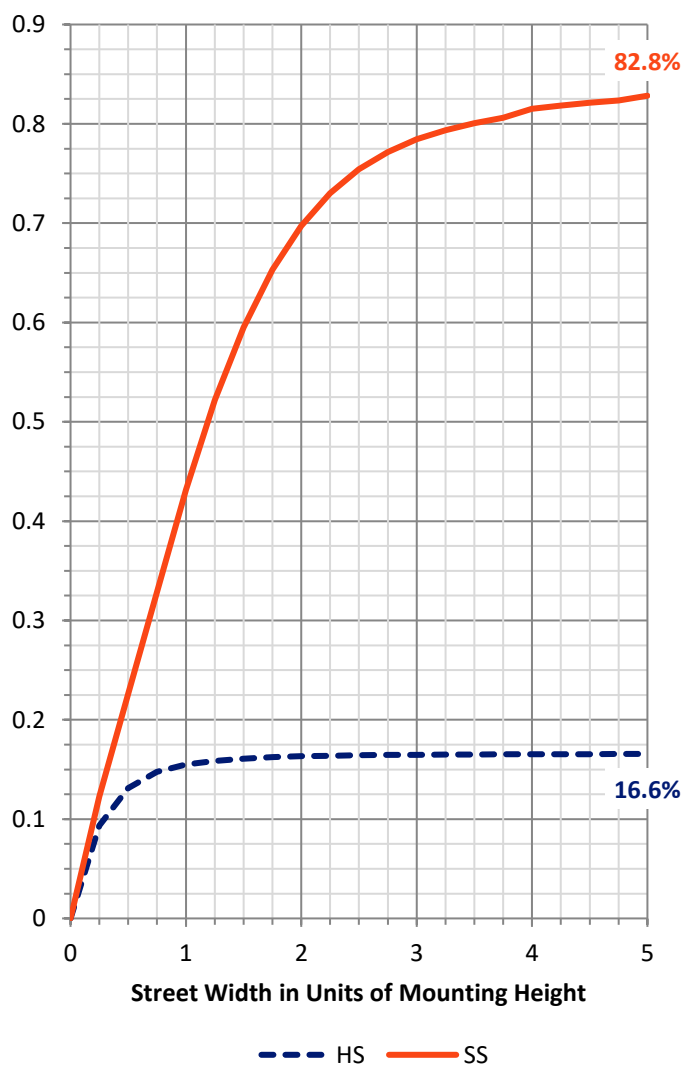
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1014.8	0.0	1014.8
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	5062.2	0.0	5062.2
	% Fixture	83.3	0.0	83.3
Total	Lumens	6077.0	0.0	6077.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.8	1.3
10°-20°	213.7	3.5
20°-30°	345.5	5.7
30°-40°	578.6	9.5
40°-50°	945.8	15.6
50°-60°	1400.2	23.0
60°-70°	1607.4	26.5
70°-80°	794.8	13.1
80°-90°	109.2	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6077.0	100.0
0°-180°	6077.0	100.0

Coefficient of Utilization



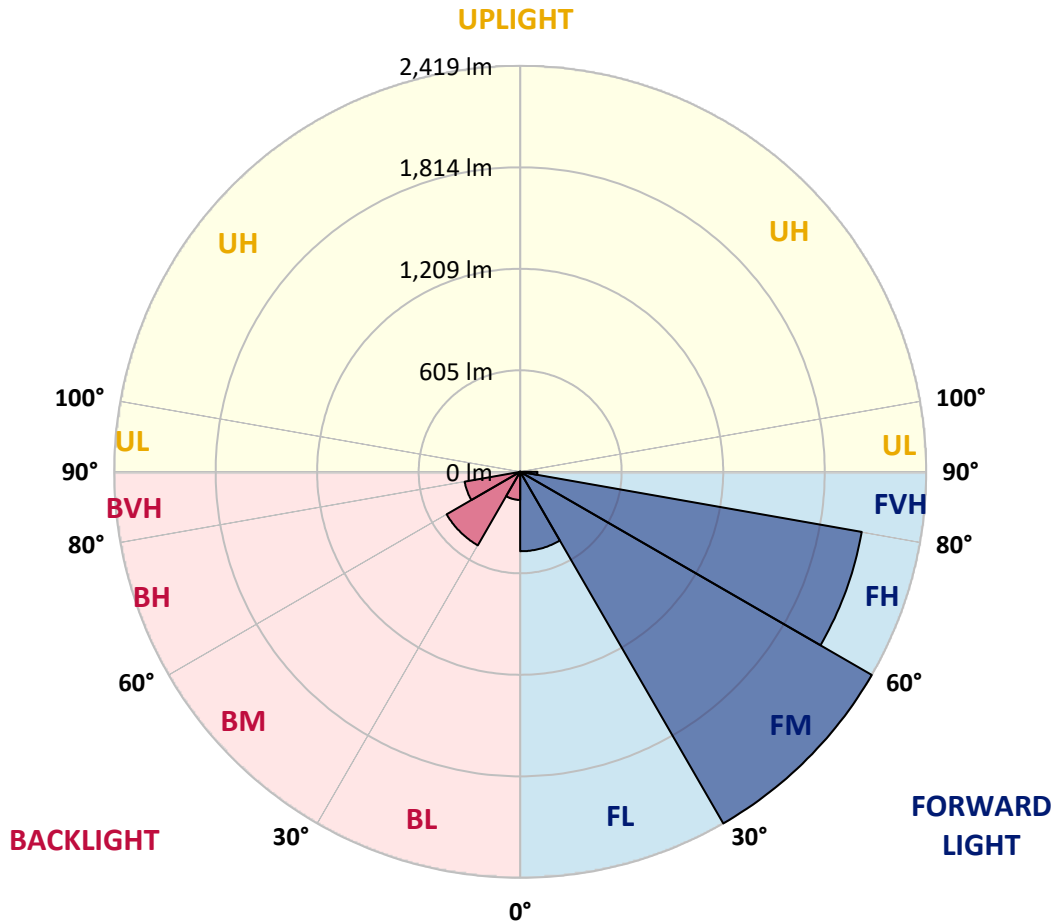
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	473.4	7.8			
FM (30°-60°)	2419.0	39.8			
FH (60°-80°)	2066.5	34.0			G2/5000
FVH (80°-90°)	103.4	1.7			G2/225
BL (0°-30°)	167.6	2.8	B1/500		
BM (30°-60°)	505.7	8.3	B1/1000		
BH (60°-80°)	335.7	5.5	B1/500		G1/500
BVH (80°-90°)	5.8	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3
2.5°	971.0	983.1	994.9	972.4	949.9	927.3	904.8	884.7	864.6	844.2	824.1
5°	1249.5	1227.3	1205.2	1174.7	1144.2	1113.7	1083.2	1069.0	1054.8	1040.6	1026.4
7.5°	1346.5	1307.0	1267.2	1240.1	1213.5	1186.4	1159.4	1116.8	1073.9	1031.3	988.3
10°	1270.3	1228.4	1186.1	1162.5	1139.0	1115.4	1091.9	1038.9	985.5	932.5	879.2
12.5°	1305.3	1259.9	1214.5	1166.0	1117.5	1069.0	1020.5	980.0	939.1	898.6	857.7
15°	1329.5	1277.6	1225.2	1169.8	1114.4	1059.0	1003.5	955.7	908.3	860.5	812.7
17.5°	1471.9	1397.4	1322.9	1237.7	1152.5	1067.3	982.1	926.6	871.6	816.1	760.7
20°	1654.8	1549.1	1443.1	1327.8	1212.4	1097.1	981.7	912.8	843.9	774.9	706.0
22.5°	1867.5	1735.5	1603.2	1460.8	1318.8	1176.4	1034.0	935.0	835.9	736.8	637.7
25°	2081.6	1962.4	1843.2	1651.7	1460.1	1268.2	1076.6	950.9	824.8	699.1	573.0
27.5°	2468.2	2255.1	2042.1	1798.2	1554.7	1310.8	1066.9	922.8	778.7	634.3	490.2
30°	2721.0	2557.2	2393.0	2070.8	1749.0	1426.9	1104.7	922.1	739.6	556.7	374.1
32.5°	3023.5	2783.7	2543.7	2194.1	1844.6	1495.1	1145.6	931.1	716.4	501.9	287.2
35°	3363.3	3102.4	2841.6	2398.9	1956.2	1513.1	1070.4	862.6	654.7	446.9	239.0
37.5°	3963.6	3527.1	3090.7	2574.5	2058.0	1541.9	1025.4	817.9	610.0	402.5	194.7
40°	4304.5	3887.7	3471.0	2826.0	2181.0	1536.0	891.0	706.7	522.7	338.4	154.2
42.5°	4747.9	4219.3	3690.3	2969.4	2248.5	1527.7	806.8	636.4	465.9	295.1	124.7
45°	5010.8	4411.9	3812.9	3031.8	2250.6	1469.5	688.3	540.7	393.2	245.6	98.0
47.5°	5176.7	4576.1	3975.4	3136.7	2298.4	1459.8	621.1	485.3	349.5	213.7	77.9
50°	5260.9	4658.5	4055.7	3193.9	2332.0	1469.8	607.9	472.8	337.4	202.3	66.9
52.5°	5348.5	4767.6	4186.3	3293.0	2399.6	1506.2	612.8	474.9	337.4	199.5	61.7
55°	5525.6	4952.6	4379.3	3435.0	2490.7	1546.4	602.1	466.3	330.5	194.3	58.5
57.5°	5743.1	5130.7	4517.9	3538.9	2560.0	1581.0	602.1	465.6	329.1	192.3	55.8
60°	5701.9	5037.1	4372.0	3422.2	2472.3	1522.1	572.3	442.4	312.8	182.9	53.0
62.5°	5418.9	4697.3	3975.4	3097.6	2219.4	1341.6	463.5	359.9	256.3	152.4	48.8
65°	5086.3	4320.4	3554.1	2746.3	1938.2	1130.3	322.2	252.9	183.2	114.0	44.3
67.5°	4685.9	3869.0	3052.2	2333.8	1615.6	897.2	178.7	144.1	109.5	74.5	39.8
70°	3991.0	3147.8	2304.3	1752.1	1200.3	648.1	96.0	81.1	66.2	51.3	36.4
72.5°	2996.1	2223.6	1451.1	1102.3	753.8	405.0	56.1	50.6	44.7	39.1	33.3
75°	2038.6	1459.8	880.9	670.6	460.7	250.5	40.2	37.4	34.3	31.5	28.4
77.5°	1386.0	1002.5	619.0	472.5	326.0	179.4	32.9	31.2	29.4	27.4	25.6
80°	865.3	592.4	319.4	245.9	172.2	98.7	24.9	23.9	22.9	21.5	20.4
82.5°	605.2	362.0	118.8	92.8	66.9	40.5	14.5	14.9	15.2	15.2	15.6
85°	253.9	137.2	20.4	17.3	14.2	11.1	8.0	8.7	9.7	10.4	11.1
87.5°	4.5	2.4	0.0	0.7	1.7	2.4	3.1	4.2	4.8	5.9	6.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3
2.5°	829.3	834.5	839.3	844.5	840.4	836.6	832.4	828.3	822.0	816.1	809.9
5°	1009.1	991.8	974.4	957.1	930.8	904.5	877.8	851.5	848.4	845.2	841.8
7.5°	947.8	907.2	866.4	825.8	787.7	749.6	711.5	673.4	661.6	650.2	638.4
10°	848.0	816.8	785.3	754.1	726.8	699.1	671.7	644.0	615.2	586.5	557.4
12.5°	825.1	792.6	759.7	727.1	702.2	677.2	652.3	627.3	595.1	562.9	530.7
15°	777.3	742.0	706.7	671.3	638.1	604.8	571.2	538.0	499.2	460.4	421.6
17.5°	718.8	677.2	635.3	593.4	549.7	506.1	462.5	418.8	374.1	329.8	285.1
20°	649.2	592.4	535.2	478.4	424.4	370.3	315.9	261.9	233.8	206.1	178.1
22.5°	564.3	490.5	417.1	343.3	299.0	254.3	209.9	165.2	153.1	141.0	128.9
25°	489.5	406.0	322.5	239.0	211.0	182.9	154.8	126.8	121.2	115.4	109.8
27.5°	411.5	333.2	254.6	176.0	160.0	143.8	127.8	111.5	107.7	104.3	100.5
30°	315.6	257.0	198.1	139.6	129.2	118.8	108.1	97.7	96.0	93.9	92.1
32.5°	244.6	201.6	159.0	116.0	110.2	104.3	98.4	92.5	89.7	86.9	83.8
35°	204.4	170.1	135.4	100.8	96.6	92.1	88.0	83.5	80.7	77.6	74.8
37.5°	169.4	144.5	119.2	93.9	89.4	84.9	80.0	75.5	73.4	71.4	69.3
40°	139.6	125.1	110.5	96.0	89.4	82.8	76.2	69.6	67.9	66.2	64.4
42.5°	115.4	106.0	96.3	86.9	82.1	77.6	72.7	67.9	65.5	62.7	60.3
45°	93.2	88.0	83.1	77.9	78.3	78.6	78.6	79.0	72.7	66.2	59.9
47.5°	75.5	73.1	70.3	67.9	70.7	73.4	75.9	78.6	72.1	65.5	58.5
50°	64.8	63.0	61.0	58.9	61.7	64.8	67.5	70.3	67.5	65.1	62.4
52.5°	59.2	56.8	54.4	52.0	53.0	54.4	55.4	56.5	56.5	56.5	56.5
55°	55.8	53.3	50.6	47.8	46.8	45.4	44.3	43.0	41.2	39.8	38.1
57.5°	53.0	50.2	47.1	44.3	42.6	40.5	38.8	36.7	35.0	32.9	31.2
60°	50.2	47.5	44.3	41.6	39.8	38.1	36.0	34.3	32.2	30.5	28.4
62.5°	46.4	44.0	41.6	39.1	37.4	36.0	34.3	32.6	30.5	28.4	26.0
65°	42.3	40.5	38.5	36.4	34.6	32.9	31.2	29.4	27.4	25.6	23.6
67.5°	38.5	36.7	35.3	33.6	31.5	29.8	27.7	25.6	24.2	22.9	21.1
70°	35.3	33.9	32.9	31.5	29.4	27.7	25.6	23.6	22.5	21.1	20.1
72.5°	32.2	31.2	29.8	28.8	27.0	25.3	23.6	21.8	20.8	19.7	18.7
75°	27.7	27.0	26.3	25.6	23.9	22.2	20.1	18.4	18.0	17.7	17.3
77.5°	24.9	24.6	23.9	23.2	21.5	19.7	18.0	16.3	16.6	17.0	17.0
80°	20.4	20.4	20.1	20.1	18.7	17.3	15.6	14.2	14.9	15.9	16.6
82.5°	15.6	15.6	15.6	15.6	14.2	12.8	11.4	10.0	11.1	11.8	12.8
85°	10.7	10.4	10.0	9.7	8.7	8.0	6.9	5.9	7.3	8.3	9.7
87.5°	6.6	6.9	6.9	6.9	6.2	5.2	4.5	3.5	4.2	4.5	5.2
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: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3
2.5°	803.7	793.3	782.9	772.1	761.8	737.5	713.3	689.0	664.8	682.8	700.4
5°	838.7	818.6	798.1	778.0	757.6	748.6	739.9	730.9	721.9	723.3	725.0
7.5°	626.7	613.5	600.3	586.8	573.7	570.9	568.5	565.7	562.9	568.8	574.3
10°	528.6	510.3	491.6	473.2	454.5	444.4	434.4	424.4	414.3	413.3	411.9
12.5°	498.5	470.4	442.7	414.7	386.6	364.8	342.9	321.1	299.3	301.0	302.8
15°	382.8	354.7	327.0	299.0	270.9	253.2	235.2	217.5	199.5	194.3	189.1
17.5°	240.4	219.6	198.8	177.7	156.9	151.0	145.5	139.6	133.7	132.0	130.2
20°	150.0	141.0	132.0	122.6	113.6	112.2	110.9	109.5	108.1	109.1	110.2
22.5°	116.7	112.9	108.8	105.0	100.8	99.4	98.0	96.6	95.3	96.3	97.0
25°	103.9	101.2	98.4	95.6	92.8	91.5	89.7	88.3	86.6	87.3	88.3
27.5°	96.6	94.2	91.8	89.4	86.9	84.5	82.4	80.0	77.6	79.0	80.0
30°	90.1	87.3	84.9	82.1	79.3	76.9	74.5	71.7	69.3	70.7	72.1
32.5°	81.1	78.6	75.9	73.4	70.7	69.3	67.9	66.2	64.8	65.8	66.5
35°	71.7	69.6	67.9	65.8	63.7	62.4	61.3	59.9	58.5	58.9	59.6
37.5°	67.2	64.8	62.4	59.9	57.5	56.8	56.1	55.1	54.4	54.4	54.4
40°	62.7	60.3	57.9	55.1	52.7	51.6	50.6	49.5	48.5	48.5	48.5
42.5°	57.5	55.1	52.7	50.2	47.8	46.8	45.4	44.3	43.0	43.0	43.0
45°	53.3	50.9	48.8	46.4	44.0	42.3	40.5	38.5	36.7	36.4	36.0
47.5°	52.0	48.5	45.0	41.6	38.1	36.4	34.6	32.6	30.8	30.5	30.1
50°	59.6	52.7	45.7	38.8	31.9	30.5	29.1	27.7	26.3	25.6	25.3
52.5°	56.5	49.2	41.9	34.6	27.4	26.3	25.3	24.2	23.2	22.5	21.8
55°	36.4	33.3	30.5	27.4	24.2	23.6	22.9	21.8	21.1	20.4	19.7
57.5°	29.1	27.4	26.0	24.2	22.5	21.8	21.1	20.1	19.4	18.4	17.7
60°	26.3	24.9	23.6	22.2	20.8	20.1	19.4	18.7	18.0	17.0	16.3
62.5°	23.9	22.9	21.8	20.8	19.7	19.1	18.4	17.7	17.0	15.9	14.9
65°	21.5	20.8	20.1	19.4	18.7	18.0	17.3	16.3	15.6	14.5	13.5
67.5°	19.7	19.4	19.1	18.7	18.4	17.7	16.6	15.9	14.9	13.9	12.5
70°	18.7	18.7	18.7	18.4	18.4	17.7	16.6	15.9	14.9	13.5	12.5
72.5°	17.7	18.0	18.4	18.4	18.7	17.7	16.6	15.6	14.5	13.2	12.1
75°	17.0	17.3	17.7	17.7	18.0	17.3	16.6	15.6	14.9	13.5	12.1
77.5°	17.3	17.7	17.7	18.0	18.0	17.3	16.6	15.6	14.9	13.2	11.4
80°	17.3	17.0	16.6	15.9	15.6	14.2	12.8	11.1	9.7	7.6	5.9
82.5°	13.5	12.8	12.5	11.8	11.1	9.7	8.3	6.9	5.5	4.2	2.8
85°	10.7	10.0	9.7	9.0	8.3	7.3	5.9	4.8	3.5	2.8	1.7
87.5°	5.5	5.2	4.5	4.2	3.5	2.8	1.7	1.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3
2.5°	718.5	736.1	733.7	731.3	742.7	754.1	745.8	737.8	729.5	721.2	703.9
5°	726.4	727.8	725.4	722.6	723.0	723.3	717.8	712.2	706.7	701.1	700.1
7.5°	580.2	585.8	593.4	600.7	601.0	601.0	596.9	592.7	588.2	584.0	586.1
10°	410.8	409.5	411.5	413.6	413.3	412.6	423.7	434.7	445.5	456.6	448.6
12.5°	304.1	305.9	297.2	288.6	291.7	294.4	296.2	297.9	299.6	301.4	306.2
15°	183.9	178.7	172.5	166.3	169.4	172.2	175.3	178.1	181.2	183.9	187.1
17.5°	128.2	126.4	123.7	120.6	120.9	121.2	121.6	121.9	121.9	122.3	123.0
20°	111.2	112.2	110.2	107.7	107.0	106.0	105.3	104.6	103.6	102.9	101.8
22.5°	98.0	98.7	99.1	99.1	97.7	96.0	94.6	93.5	92.1	90.8	90.1
25°	89.0	89.7	89.0	88.0	87.3	86.6	85.9	84.9	84.2	83.1	82.8
27.5°	81.4	82.4	82.4	82.1	81.4	80.4	78.6	77.2	75.5	73.8	74.1
30°	73.4	74.8	74.8	74.5	74.1	73.8	72.1	70.3	68.6	66.9	67.5
32.5°	67.5	68.2	67.9	67.5	67.5	67.2	65.8	64.8	63.4	62.0	62.0
35°	59.9	60.3	60.3	60.3	60.3	59.9	58.9	57.9	56.8	55.8	56.1
37.5°	54.4	54.4	55.4	56.1	55.4	54.7	54.0	53.0	52.3	51.3	51.3
40°	48.2	48.2	49.2	49.9	49.2	48.5	48.2	47.5	47.1	46.4	46.4
42.5°	42.6	42.6	43.6	44.3	44.3	44.0	43.3	42.6	41.9	41.2	41.6
45°	35.7	35.3	37.1	38.5	37.8	37.1	37.1	36.7	36.7	36.4	36.7
47.5°	29.4	29.1	30.5	31.9	31.5	30.8	30.8	30.8	30.8	30.8	31.2
50°	24.6	23.9	25.3	26.3	26.0	25.3	25.3	25.6	25.6	25.6	26.0
52.5°	21.1	20.4	21.5	22.2	21.8	21.5	21.5	21.8	21.8	21.8	22.2
55°	18.7	18.0	19.1	19.7	19.4	18.7	19.1	19.1	19.4	19.4	19.4
57.5°	16.6	15.6	16.3	17.0	17.0	16.6	17.0	17.0	17.3	17.3	17.3
60°	15.2	14.2	14.9	15.2	15.2	14.9	15.2	15.2	15.6	15.6	15.6
62.5°	13.5	12.5	13.2	13.5	13.5	13.2	13.5	13.5	13.9	13.9	13.9
65°	12.1	11.1	11.4	11.8	11.8	11.8	12.1	12.1	12.5	12.5	12.5
67.5°	11.4	10.0	10.4	10.7	10.7	10.7	11.1	11.1	11.4	11.4	11.8
70°	11.1	9.7	10.0	10.0	10.4	10.4	10.4	10.7	10.7	10.7	10.7
72.5°	10.7	9.4	9.4	9.4	9.7	9.7	9.7	10.0	10.0	10.0	10.0
75°	10.7	9.4	9.0	8.7	9.0	9.0	9.0	9.4	9.4	9.4	9.4
77.5°	9.4	7.6	6.9	5.9	6.9	7.6	8.0	8.0	8.3	8.3	8.3
80°	3.8	1.7	1.0	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4
82.5°	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3
2.5°	686.6	669.3	651.9	660.3	668.6	676.9	685.2	684.5	683.5	682.8	681.7
5°	699.4	698.4	697.3	692.5	688.0	683.1	678.3	677.2	675.8	674.8	673.4
7.5°	588.2	589.9	592.0	586.5	580.9	575.4	569.8	555.6	541.4	526.9	512.7
10°	440.6	432.3	424.4	423.7	423.0	422.3	421.6	420.2	418.8	417.1	415.7
12.5°	311.4	316.3	321.1	319.4	317.7	315.6	313.8	316.3	319.0	321.5	323.9
15°	189.8	192.9	195.7	202.0	208.2	214.4	220.7	223.1	225.9	228.3	230.7
17.5°	123.7	124.0	124.7	131.6	138.2	145.1	151.7	156.2	160.7	164.9	169.4
20°	100.8	99.8	98.7	102.5	106.3	110.2	114.0	118.1	122.3	126.4	130.6
22.5°	89.7	89.0	88.3	89.7	91.1	92.1	93.5	96.6	100.1	103.2	106.3
25°	82.4	81.8	81.4	82.1	82.8	83.5	84.2	85.9	87.6	89.4	91.1
27.5°	74.1	74.5	74.5	75.2	75.5	76.2	76.6	77.2	78.3	79.0	79.7
30°	67.9	68.6	68.9	69.6	70.0	70.7	71.0	70.7	70.3	70.0	69.6
32.5°	62.0	61.7	61.7	62.4	62.7	63.4	63.7	64.4	65.1	65.5	66.2
35°	56.1	56.5	56.5	56.5	56.8	56.8	56.8	57.5	58.5	59.2	59.9
37.5°	50.9	50.9	50.6	51.6	52.3	53.3	54.0	54.7	55.8	56.5	57.2
40°	46.4	46.4	46.4	47.1	47.8	48.2	48.8	50.6	52.3	54.0	55.8
42.5°	41.6	41.9	41.9	42.6	43.3	43.6	44.3	45.7	46.8	48.2	49.2
45°	37.1	37.4	37.8	38.5	38.8	39.5	39.8	40.5	40.9	41.6	41.9
47.5°	31.9	32.2	32.6	33.3	33.6	34.3	34.6	34.3	34.3	33.9	33.6
50°	26.7	27.0	27.4	28.4	29.1	30.1	30.8	30.1	29.4	28.4	27.7
52.5°	22.5	22.5	22.9	23.6	24.2	24.6	25.3	24.9	24.6	24.2	23.9
55°	19.4	19.4	19.4	19.7	20.1	20.4	20.8	21.1	21.1	21.5	21.5
57.5°	17.3	17.0	17.0	17.3	17.7	17.7	18.0	18.4	18.4	18.7	18.7
60°	15.6	15.2	15.2	15.6	15.9	16.3	16.6	16.6	16.6	16.3	16.3
62.5°	13.9	13.9	13.9	14.2	14.2	14.5	14.5	14.5	14.9	14.9	14.9
65°	12.8	12.8	12.8	12.8	12.8	12.5	12.5	12.8	12.8	13.2	13.2
67.5°	11.8	12.1	12.1	11.8	11.4	11.1	10.7	11.1	11.1	11.4	11.4
70°	10.7	10.7	10.7	10.4	10.0	9.7	9.4	9.4	9.4	9.0	9.0
72.5°	10.0	9.7	9.7	9.4	8.7	8.3	7.6	7.3	7.3	6.9	6.6
75°	9.4	9.0	9.0	8.3	7.6	6.9	6.2	5.9	5.2	4.8	4.2
77.5°	8.3	8.3	8.3	7.3	6.6	5.5	4.5	3.8	3.1	2.1	1.4
80°	2.8	3.1	3.5	3.1	3.1	2.8	2.4	1.7	1.4	0.7	0.0
82.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3
2.5°	685.5	689.4	693.2	697.0	697.3	697.7	698.0	698.4	689.7	680.7	672.0
5°	680.3	687.6	694.5	701.5	697.7	693.9	690.0	686.2	685.9	685.9	685.5
7.5°	513.7	514.4	515.5	516.1	517.5	518.9	520.0	521.3	526.9	532.4	537.6
10°	411.2	406.7	401.8	397.3	393.9	390.1	386.6	382.8	385.6	388.7	391.4
12.5°	320.1	316.3	312.1	308.3	306.9	305.5	303.8	302.4	311.4	320.4	329.1
15°	230.0	229.3	228.3	227.6	232.1	236.6	241.1	245.6	253.2	260.5	268.1
17.5°	171.1	172.9	174.6	176.3	179.1	181.9	184.3	187.1	192.6	198.5	204.0
20°	132.7	135.1	137.2	139.3	138.6	137.9	136.8	136.1	140.6	145.1	149.3
22.5°	108.4	110.2	112.2	114.0	114.3	114.7	115.0	115.4	118.1	120.6	123.3
25°	92.8	94.9	96.6	98.4	98.7	99.1	99.4	99.8	103.2	106.7	109.8
27.5°	82.1	84.2	86.6	88.7	89.4	90.1	90.8	91.5	93.5	95.3	97.3
30°	72.4	75.2	77.9	80.7	81.8	82.8	83.8	84.9	86.9	89.4	91.5
32.5°	67.5	69.3	70.7	72.1	74.5	76.6	79.0	81.1	83.5	86.3	88.7
35°	62.0	63.7	65.8	67.5	69.3	71.0	72.4	74.1	75.5	76.9	77.9
37.5°	58.5	60.3	61.7	63.0	63.7	64.4	64.8	65.5	66.2	66.9	67.2
40°	55.8	55.4	55.4	55.1	55.8	56.8	57.5	58.2	60.3	62.0	64.1
42.5°	48.5	47.5	46.8	45.7	47.5	48.8	50.6	52.0	54.7	57.5	60.3
45°	41.2	40.5	39.5	38.8	41.2	43.6	46.1	48.5	51.6	54.4	57.5
47.5°	33.9	34.3	34.3	34.6	37.1	39.5	41.6	44.0	47.1	50.2	53.3
50°	28.4	29.1	29.8	30.5	32.9	35.0	37.4	39.5	43.0	46.1	49.5
52.5°	24.9	26.0	26.7	27.7	29.8	32.2	34.3	36.4	39.5	42.6	45.7
55°	22.5	23.9	24.9	26.0	27.7	29.4	31.2	32.9	36.0	39.1	41.9
57.5°	19.7	20.8	21.8	22.9	24.6	26.3	27.7	29.4	32.2	35.3	38.1
60°	17.3	18.0	19.1	19.7	21.1	22.9	24.2	25.6	28.4	31.2	33.6
62.5°	15.2	15.9	16.3	16.6	18.0	19.4	20.8	22.2	24.6	27.4	29.8
65°	13.5	13.9	13.9	14.2	15.2	16.6	17.7	18.7	21.5	23.9	26.7
67.5°	11.4	11.8	11.8	11.8	12.8	13.9	14.9	15.9	18.4	21.1	23.6
70°	9.0	9.4	9.4	9.4	10.4	11.8	12.8	13.9	15.9	18.0	20.1
72.5°	6.9	6.9	7.3	7.3	8.3	9.7	10.7	11.8	13.5	15.2	17.0
75°	4.5	4.8	4.8	5.2	6.2	7.6	8.7	9.7	11.4	13.2	14.5
77.5°	1.7	2.4	2.8	3.1	4.2	5.2	6.2	7.3	8.7	10.4	11.8
80°	0.0	0.3	0.3	0.3	1.0	1.4	2.1	2.4	3.5	4.8	5.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3
2.5°	663.0	682.1	701.1	720.2	739.2	762.8	786.3	789.8	793.3	789.1	785.3
5°	685.2	694.5	703.6	712.9	721.9	748.9	775.6	776.0	776.0	776.3	776.3
7.5°	543.2	551.1	559.1	566.7	574.7	592.4	610.0	616.6	622.8	621.5	620.1
10°	394.2	404.6	414.7	425.0	435.1	451.4	467.7	473.9	479.8	498.8	518.2
12.5°	338.1	348.1	358.2	367.9	377.9	394.6	411.2	423.3	435.1	446.9	458.6
15°	275.4	283.4	291.7	299.6	307.6	315.2	322.9	337.7	352.3	364.1	375.9
17.5°	209.6	213.0	216.2	219.6	222.7	226.2	229.7	235.9	241.8	252.2	262.2
20°	153.8	156.6	159.3	161.8	164.5	168.0	171.5	176.0	180.1	182.6	184.6
22.5°	125.7	129.9	134.1	137.9	142.0	144.5	146.9	148.3	149.6	150.7	151.7
25°	113.3	117.1	120.6	124.4	127.8	128.9	129.9	132.7	135.4	135.4	135.4
27.5°	99.1	104.3	109.8	115.0	120.2	121.6	122.6	123.7	124.4	123.0	121.2
30°	93.5	98.7	103.9	108.8	114.0	116.0	117.8	118.8	119.9	118.1	116.4
32.5°	91.1	96.0	100.5	105.3	109.8	112.6	115.0	117.8	120.2	120.6	121.2
35°	79.3	82.4	85.9	89.0	92.1	93.5	94.9	96.0	96.6	96.6	96.6
37.5°	67.9	72.1	76.6	80.7	84.9	88.0	91.1	91.5	91.5	92.1	93.2
40°	65.8	70.0	74.1	77.9	82.1	85.6	88.7	89.0	89.4	90.1	90.8
42.5°	63.0	67.5	72.1	76.6	81.1	84.5	87.6	87.6	87.3	88.3	89.0
45°	60.3	64.8	68.9	73.4	77.6	82.1	86.3	85.2	83.8	85.6	86.9
47.5°	56.5	61.3	66.2	70.7	75.5	79.7	83.5	82.8	81.8	83.5	85.2
50°	52.7	57.5	62.4	67.2	72.1	76.6	80.7	80.0	79.3	81.4	83.1
52.5°	48.8	53.7	58.9	63.7	68.6	72.4	75.9	75.5	75.2	77.2	79.7
55°	45.0	49.5	54.4	58.9	63.4	67.5	71.4	70.7	70.0	71.7	73.4
57.5°	40.9	45.4	49.5	54.0	58.2	61.7	64.8	63.7	62.7	64.8	66.9
60°	36.4	40.5	44.7	48.5	52.7	55.4	57.9	57.2	56.1	58.2	60.3
62.5°	32.2	36.0	39.8	43.3	47.1	49.2	51.3	50.6	49.9	52.0	54.4
65°	29.1	32.2	35.0	38.1	40.9	43.0	45.0	44.0	43.0	45.4	47.5
67.5°	26.0	28.4	31.2	33.6	36.0	37.8	39.5	38.8	37.8	39.5	41.2
70°	22.2	24.6	27.0	29.1	31.5	33.3	35.0	33.9	32.6	34.3	36.0
72.5°	18.7	20.8	22.9	24.6	26.7	28.1	29.4	28.4	27.4	28.8	30.1
75°	16.3	18.0	19.7	21.1	22.9	23.6	24.2	23.9	23.2	24.6	25.6
77.5°	13.2	14.5	16.3	17.7	19.1	19.1	19.1	19.4	19.4	20.8	22.5
80°	6.9	8.3	9.7	10.7	12.1	12.1	11.8	12.5	12.8	14.5	16.3
82.5°	0.0	1.0	2.1	3.1	4.2	3.8	3.1	3.5	3.5	4.2	4.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3
2.5°	781.2	777.0	774.2	771.8	769.0	766.3	769.7	773.2	776.3	779.8	790.2
5°	776.6	776.6	774.2	771.8	769.4	766.9	772.1	777.0	782.2	787.0	786.7
7.5°	618.3	617.0	631.5	645.7	660.3	674.5	678.3	682.1	685.5	689.4	688.3
10°	537.3	556.3	562.6	568.8	575.0	581.3	588.9	596.5	604.1	611.8	614.5
12.5°	470.4	482.2	502.3	522.0	542.1	561.9	571.9	582.3	592.4	602.4	622.1
15°	387.6	399.4	416.7	434.0	451.4	468.7	484.6	500.9	516.8	532.8	556.7
17.5°	272.6	282.7	295.8	309.0	321.8	335.0	359.6	384.2	408.8	433.4	458.6
20°	187.1	189.1	195.4	202.0	208.2	214.4	236.6	259.1	281.3	303.5	336.7
22.5°	152.4	153.5	156.6	159.7	162.5	165.6	177.0	188.8	200.2	211.7	238.7
25°	135.1	135.1	137.2	139.3	141.3	143.4	149.6	155.9	161.8	168.0	185.3
27.5°	119.9	118.1	121.2	124.4	127.5	130.6	135.1	139.9	144.5	149.0	160.7
30°	114.7	112.9	116.7	120.6	124.4	128.2	132.7	137.2	141.3	145.8	153.8
32.5°	121.6	121.9	123.3	124.7	125.7	127.1	129.2	131.6	133.7	135.8	142.7
35°	96.6	96.6	99.1	101.5	103.6	106.0	109.8	113.6	117.4	121.2	128.5
37.5°	93.9	94.6	96.6	99.1	101.2	103.2	108.1	113.3	118.1	123.0	128.9
40°	91.1	91.8	94.6	97.3	100.1	102.9	107.7	112.2	117.1	121.6	127.1
42.5°	90.1	90.8	94.2	98.0	101.5	105.0	109.1	113.3	117.1	121.2	128.9
45°	88.7	90.1	94.2	98.7	102.9	107.0	110.9	114.7	118.5	122.3	131.6
47.5°	86.6	88.3	93.2	97.7	102.5	107.0	114.3	121.9	129.2	136.5	141.0
50°	85.2	86.9	92.1	97.3	102.5	107.7	119.5	131.3	142.7	154.5	152.1
52.5°	81.8	83.8	90.4	97.0	103.6	110.2	120.6	130.9	141.3	151.7	146.9
55°	75.2	76.9	84.5	92.1	99.4	107.0	114.7	122.3	129.6	137.2	131.6
57.5°	68.6	70.7	77.9	85.2	92.1	99.4	103.2	107.0	110.9	114.7	112.6
60°	62.4	64.4	74.1	83.8	93.5	103.2	99.8	96.3	92.5	89.0	91.5
62.5°	56.5	58.5	67.9	76.9	86.3	95.3	90.4	85.6	80.7	75.9	79.7
65°	49.9	52.0	55.4	59.2	62.7	66.2	65.8	65.1	64.8	64.1	68.2
67.5°	43.0	44.7	46.4	48.5	50.2	52.0	53.0	54.4	55.4	56.5	59.9
70°	37.4	39.1	41.2	43.0	45.0	46.8	47.5	48.2	48.5	49.2	52.3
72.5°	31.2	32.6	35.3	38.1	40.5	43.3	43.6	43.6	44.0	44.0	46.4
75°	27.0	28.1	30.1	32.2	33.9	36.0	37.1	38.1	38.8	39.8	41.2
77.5°	23.9	25.3	26.0	26.3	27.0	27.4	28.1	28.8	29.4	30.1	30.5
80°	17.7	19.4	20.1	20.4	21.1	21.5	21.5	21.1	21.1	20.8	21.1
82.5°	5.5	6.2	7.3	8.3	9.4	10.4	10.7	11.1	11.1	11.4	11.1
85°	1.0	1.4	2.1	2.8	3.1	3.8	3.5	2.8	2.4	1.7	1.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3
2.5°	800.5	810.6	821.0	816.8	812.7	808.5	804.4	805.1	806.1	806.8	807.5
5°	786.3	785.7	785.3	797.1	809.2	821.0	832.8	845.6	858.7	871.6	884.4
7.5°	687.3	685.9	684.8	700.1	715.3	730.6	745.8	763.5	781.5	799.2	816.8
10°	617.3	620.1	622.8	629.1	635.7	641.9	648.1	665.1	682.1	698.7	715.7
12.5°	641.9	661.3	681.0	684.8	688.3	692.1	695.6	698.0	700.4	702.9	705.3
15°	580.9	604.8	628.7	638.8	648.5	658.5	668.2	693.9	719.1	744.8	770.1
17.5°	483.9	508.9	534.2	564.3	594.4	624.6	654.7	682.4	710.1	737.8	765.6
20°	370.3	403.6	436.8	474.9	513.4	551.5	589.6	617.3	644.7	672.4	699.7
22.5°	266.0	293.1	320.1	366.2	411.9	458.0	503.7	551.8	600.3	648.5	696.6
25°	202.6	219.6	236.9	282.3	327.7	372.7	418.1	484.3	550.4	616.6	682.8
27.5°	172.2	183.9	195.4	236.3	277.1	317.7	358.5	437.2	515.8	594.4	673.1
30°	162.1	170.1	178.1	212.7	247.7	282.3	317.0	396.6	476.3	556.0	635.7
32.5°	149.6	156.2	163.2	193.6	224.1	254.3	284.7	362.7	440.6	518.2	596.2
35°	135.4	142.7	149.6	180.1	210.6	240.8	271.2	352.0	432.7	513.4	594.1
37.5°	134.4	140.3	145.8	181.2	216.9	252.2	287.5	368.2	448.9	529.3	610.0
40°	133.0	138.6	144.1	180.1	215.8	251.8	287.5	372.0	456.6	541.1	625.6
42.5°	136.5	143.8	151.4	183.2	215.1	246.6	278.5	367.5	456.6	545.2	634.3
45°	141.3	150.7	160.0	189.1	218.2	247.3	276.4	373.1	469.7	566.0	662.7
47.5°	145.8	150.3	154.8	182.6	209.9	237.6	265.0	363.7	462.5	561.2	659.9
50°	150.0	147.6	145.1	175.6	206.1	236.3	266.7	361.0	454.8	549.1	642.9
52.5°	141.7	136.8	131.6	164.2	196.8	229.0	261.5	356.5	451.4	546.3	641.2
55°	126.1	120.6	115.0	147.2	179.1	211.3	243.2	337.7	432.3	526.9	621.5
57.5°	110.2	108.1	105.7	130.2	154.8	179.1	203.7	308.6	414.0	518.9	623.9
60°	93.9	96.0	98.4	116.0	133.7	151.0	168.7	271.6	374.1	477.0	579.5
62.5°	83.1	86.9	90.4	105.3	120.6	135.4	150.3	247.3	344.3	441.3	538.3
65°	72.7	76.9	81.1	98.7	116.7	134.4	152.1	234.2	316.3	398.4	480.5
67.5°	63.4	66.5	70.0	93.2	116.4	139.6	162.8	230.0	296.9	364.1	430.9
70°	55.4	58.2	61.3	88.3	115.4	142.4	169.4	226.6	284.1	341.2	398.4
72.5°	48.8	51.3	53.7	81.1	108.4	135.8	163.2	214.1	264.7	315.6	366.2
75°	42.6	43.6	45.0	68.2	91.1	114.3	137.2	171.1	205.4	239.4	273.3
77.5°	30.8	30.8	31.2	38.1	44.7	51.6	58.2	79.3	100.5	121.2	142.4
80°	21.1	21.5	21.5	24.2	26.7	29.4	31.9	36.4	40.5	45.0	49.2
82.5°	10.7	10.0	9.7	12.5	15.2	18.0	20.8	21.8	22.5	23.6	24.2
85°	1.0	0.3	0.0	1.7	3.5	5.2	6.9	8.3	9.7	11.1	12.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271

CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3
2.5°	804.7	801.9	799.2	796.4	813.4	830.7	847.7	864.6	912.8	944.3	940.8
5°	896.9	909.3	921.8	934.3	954.4	974.8	994.9	1015.0	1086.3	1130.0	1136.2
7.5°	836.2	855.3	874.7	893.7	932.5	971.0	1009.8	1048.2	1106.8	1152.2	1177.8
10°	737.5	759.3	780.8	802.6	846.3	890.3	933.9	977.6	1043.4	1106.1	1138.3
12.5°	739.6	773.9	808.2	842.5	880.6	918.7	956.4	994.5	1034.7	1055.9	1101.2
15°	797.1	824.1	851.1	878.1	928.0	977.9	1027.4	1077.3	1101.2	1152.2	1205.2
17.5°	818.2	871.2	923.9	976.5	1038.9	1100.9	1163.2	1225.2	1270.3	1340.9	1395.7
20°	779.1	858.4	937.4	1016.7	1102.3	1187.8	1273.4	1359.0	1408.1	1475.4	1559.9
22.5°	780.8	865.0	948.8	1033.0	1151.1	1268.9	1387.0	1504.8	1636.8	1766.3	1807.6
25°	792.9	903.1	1012.9	1123.1	1259.5	1396.0	1532.5	1669.0	1828.3	1964.5	2019.2
27.5°	797.1	921.1	1044.8	1168.8	1362.8	1556.8	1750.7	1944.7	2134.9	2288.7	2347.3
30°	787.0	938.8	1090.1	1241.5	1479.5	1717.5	1955.5	2193.5	2373.9	2553.0	2625.8
32.5°	789.5	982.8	1176.1	1369.4	1649.6	1930.2	2210.4	2490.7	2606.0	2767.5	2895.6
35°	806.1	1018.1	1229.7	1441.8	1751.8	2061.8	2371.9	2681.9	2871.0	3041.5	3150.2
37.5°	844.9	1079.8	1314.3	1549.1	1930.2	2311.6	2692.6	3073.7	3366.4	3659.1	3709.0
40°	873.6	1121.7	1369.7	1617.7	2060.1	2502.5	2944.8	3387.2	3718.3	4036.0	4070.0
42.5°	906.2	1177.8	1449.7	1721.3	2216.0	2710.6	3205.3	3700.0	4083.5	4407.4	4429.9
45°	941.9	1221.4	1500.6	1779.8	2298.1	2816.0	3334.2	3852.1	4300.0	4676.2	4591.3
47.5°	958.9	1257.8	1556.8	1855.7	2411.3	2966.6	3522.3	4077.6	4479.4	4811.3	4712.2
50°	972.0	1300.8	1629.9	1958.6	2541.3	3123.9	3706.6	4289.2	4692.1	4998.3	4843.1
52.5°	1009.1	1376.6	1744.5	2112.1	2731.8	3351.2	3970.9	4590.3	4980.0	5261.2	5043.7
55°	1045.1	1468.4	1892.1	2315.4	2981.9	3648.7	4315.2	4981.7	5369.7	5610.8	5315.3
57.5°	1090.5	1557.5	2024.1	2490.7	3203.6	3916.5	4629.1	5342.0	5721.3	5987.7	5680.7
60°	1078.7	1577.5	2076.7	2575.5	3301.6	4027.7	4753.8	5479.8	5930.5	6257.9	6049.7
62.5°	1033.0	1527.7	2022.0	2516.7	3229.9	3942.8	4656.1	5369.0	5909.0	6352.4	6282.5
65°	940.5	1400.2	1860.2	2319.9	3000.9	3682.3	4363.4	5044.4	5710.9	6275.2	6300.1
67.5°	818.9	1206.9	1594.5	1982.5	2617.8	3253.1	3888.1	4523.4	5310.1	5968.3	6042.4
70°	690.0	981.4	1273.1	1564.4	2123.5	2682.6	3241.3	3800.4	4618.3	5280.6	5420.6
72.5°	553.2	740.6	927.7	1114.7	1518.3	1921.5	2325.1	2728.3	3447.8	3961.9	4206.1
75°	358.5	443.7	529.0	614.2	883.0	1151.5	1420.3	1688.7	2166.4	2545.1	2821.1
77.5°	159.7	177.0	194.0	211.3	418.8	626.3	833.8	1041.3	1248.8	1477.4	1542.2
80°	57.2	64.8	72.7	80.4	182.2	284.4	386.2	488.1	588.5	706.7	735.4
82.5°	23.9	23.9	23.6	23.2	59.6	96.0	132.3	168.7	195.0	224.1	229.7
85°	9.7	7.3	4.5	1.7	7.6	13.9	19.7	25.6	41.2	37.4	69.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271

CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3
2.5°	927.7	927.0	926.3	925.6	924.9	912.4	900.3	887.8	875.7	891.0	906.2
5°	1126.2	1144.2	1162.2	1180.6	1198.6	1203.8	1209.0	1214.2	1219.4	1230.4	1241.5
7.5°	1199.3	1229.7	1259.9	1290.4	1320.5	1348.6	1376.3	1404.3	1432.4	1425.5	1418.5
10°	1174.0	1229.1	1284.1	1339.6	1394.6	1406.8	1418.9	1431.4	1443.5	1475.0	1506.5
12.5°	1146.6	1212.8	1278.9	1345.1	1411.3	1448.0	1484.4	1521.1	1557.8	1589.7	1621.5
15°	1276.5	1318.8	1361.0	1403.6	1445.9	1478.1	1510.0	1542.2	1574.1	1596.2	1618.1
17.5°	1447.3	1468.1	1488.9	1510.0	1530.8	1556.1	1581.4	1606.6	1631.9	1645.1	1658.3
20°	1627.8	1636.8	1645.8	1654.8	1663.8	1643.7	1623.6	1603.5	1583.4	1595.9	1608.0
22.5°	1808.9	1812.1	1815.5	1818.6	1821.8	1775.0	1728.2	1681.5	1634.7	1615.0	1595.2
25°	2087.8	2064.9	2042.1	2019.2	1996.4	1940.9	1885.5	1830.1	1774.6	1725.8	1677.0
27.5°	2389.9	2312.3	2235.0	2157.4	2080.2	2024.8	1969.3	1913.9	1858.5	1785.0	1711.6
30°	2694.4	2569.3	2444.6	2319.5	2194.8	2129.0	2063.2	1997.0	1931.2	1857.8	1784.7
32.5°	2973.6	2823.2	2672.9	2522.2	2371.9	2261.0	2150.2	2039.3	1928.5	1877.2	1825.9
35°	3205.0	3027.3	2849.6	2671.5	2493.8	2384.0	2274.2	2164.4	2054.5	1978.3	1902.5
37.5°	3600.6	3400.7	3200.8	3000.9	2801.1	2651.1	2501.4	2351.4	2201.4	2150.5	2099.6
40°	3965.3	3713.5	3461.7	3209.8	2958.0	2832.2	2706.8	2581.1	2455.7	2372.2	2289.1
42.5°	4255.3	3989.9	3724.9	3459.6	3194.2	3069.9	2945.9	2821.5	2697.1	2641.4	2585.9
45°	4318.0	4067.9	3818.1	3568.0	3317.9	3245.5	3173.4	3101.0	3029.0	2990.5	2952.4
47.5°	4441.6	4170.4	3899.5	3628.3	3357.0	3324.5	3291.9	3259.0	3226.4	3244.8	3263.2
50°	4510.9	4234.1	3957.4	3680.6	3403.8	3413.2	3422.2	3431.5	3440.9	3571.1	3701.0
52.5°	4645.3	4365.8	4086.2	3806.7	3527.1	3586.0	3644.6	3703.5	3762.0	3941.4	4120.5
55°	4885.4	4610.7	4336.0	4060.9	3786.2	3863.8	3941.4	4019.4	4097.0	4287.5	4477.7
57.5°	5241.2	4968.5	4696.3	4423.6	4151.4	4228.6	4305.9	4383.1	4460.4	4632.5	4804.3
60°	5689.1	5409.2	5129.6	4849.7	4570.2	4599.3	4628.0	4657.1	4686.2	4871.2	5055.8
62.5°	6037.9	5780.5	5523.5	5266.1	5009.1	4976.8	4945.0	4912.8	4880.9	5021.5	5161.8
65°	6119.0	5937.8	5757.0	5575.8	5394.6	5295.5	5196.8	5097.7	4998.7	5055.5	5112.3
67.5°	5886.9	5764.6	5642.6	5520.4	5398.1	5191.3	4984.5	4777.3	4570.5	4540.4	4510.2
70°	5348.2	5281.3	5214.8	5148.0	5081.5	4762.8	4444.4	4125.7	3807.4	3730.8	3654.3
72.5°	4220.3	4261.9	4303.4	4345.3	4386.9	4045.7	3704.8	3363.6	3022.4	2925.4	2828.8
75°	2976.0	3117.0	3258.0	3399.0	3539.9	3228.9	2918.1	2607.1	2296.0	2202.8	2110.0
77.5°	1613.6	1877.9	2142.2	2406.5	2670.8	2414.1	2157.8	1901.1	1644.4	1579.6	1515.2
80°	764.9	917.3	1069.4	1221.8	1374.2	1316.4	1258.5	1200.3	1142.5	1156.7	1170.9
82.5°	234.5	344.7	454.8	565.0	675.1	683.8	692.1	700.8	709.4	730.9	752.1
85°	78.6	107.7	136.8	165.9	195.0	246.3	297.6	349.2	400.4	367.2	334.3
87.5°	0.0	1.0	1.7	2.8	3.5	10.7	18.0	25.3	32.6	28.1	23.9
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: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271

CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3
2.5°	921.8	937.0	937.4	938.1	938.4	938.8	940.5	942.2	944.3	946.0	934.6
5°	1253.0	1264.0	1243.6	1223.2	1202.4	1181.9	1200.3	1218.7	1237.0	1255.4	1247.4
7.5°	1411.3	1404.3	1401.9	1399.8	1397.4	1395.3	1402.3	1409.2	1416.1	1423.0	1422.4
10°	1538.1	1569.6	1577.2	1584.8	1592.8	1600.4	1584.5	1568.5	1552.6	1536.7	1530.1
12.5°	1653.4	1685.3	1710.6	1735.9	1761.5	1786.8	1763.9	1741.4	1718.5	1696.0	1674.5
15°	1640.2	1662.1	1682.9	1703.6	1724.4	1745.2	1737.6	1730.3	1722.7	1715.1	1711.6
17.5°	1671.8	1684.9	1680.1	1675.2	1670.0	1665.2	1662.8	1660.7	1658.3	1655.8	1647.5
20°	1620.5	1633.0	1629.9	1627.1	1624.0	1620.8	1618.8	1616.7	1614.6	1612.5	1605.9
22.5°	1575.5	1555.7	1550.5	1545.7	1540.5	1535.6	1536.3	1537.0	1537.4	1538.1	1567.8
25°	1628.1	1579.3	1560.2	1541.2	1521.8	1502.7	1511.4	1519.7	1528.4	1537.0	1580.0
27.5°	1637.8	1564.4	1533.9	1503.4	1472.9	1442.4	1473.6	1504.8	1536.0	1567.2	1636.8
30°	1711.3	1638.2	1595.6	1553.3	1510.7	1468.4	1508.3	1548.1	1587.9	1627.8	1703.3
32.5°	1774.3	1723.0	1692.6	1662.1	1631.6	1601.1	1602.8	1604.2	1605.9	1607.7	1714.0
35°	1826.3	1750.4	1722.7	1695.3	1667.6	1640.2	1681.5	1722.7	1763.9	1805.1	1900.7
37.5°	2048.7	1997.7	1946.8	1896.2	1845.3	1794.7	1827.6	1860.6	1893.8	1926.7	2032.4
40°	2205.6	2122.4	2109.3	2096.5	2083.3	2070.5	2087.5	2104.1	2121.1	2138.0	2230.5
42.5°	2530.2	2474.4	2438.7	2403.4	2367.7	2332.4	2345.9	2359.4	2373.2	2386.8	2474.4
45°	2914.0	2875.5	2852.0	2828.4	2804.5	2781.0	2760.5	2740.4	2720.0	2699.9	2788.9
47.5°	3281.5	3299.9	3351.8	3403.5	3455.4	3507.0	3464.8	3422.5	3379.9	3337.6	3338.0
50°	3831.3	3961.2	3987.5	4013.5	4039.8	4065.8	3975.7	3885.7	3795.2	3705.2	3694.4
52.5°	4300.0	4479.1	4488.4	4497.8	4507.5	4516.8	4480.4	4444.1	4407.4	4371.0	4274.3
55°	4668.2	4858.4	4871.2	4883.7	4896.5	4909.0	4877.1	4845.6	4813.7	4781.8	4684.1
57.5°	4976.5	5148.3	5155.9	5163.2	5170.8	5178.5	5180.9	5183.3	5186.1	5188.5	5056.5
60°	5240.8	5425.8	5410.5	5395.7	5380.4	5365.5	5342.7	5319.8	5296.9	5274.1	5188.8
62.5°	5302.5	5443.1	5419.6	5396.3	5372.8	5349.6	5330.2	5311.1	5291.7	5272.3	5217.9
65°	5169.1	5225.9	5201.7	5177.4	5152.8	5128.6	5116.1	5104.0	5091.5	5079.0	5072.1
67.5°	4479.8	4449.6	4478.4	4507.1	4535.9	4564.6	4603.8	4642.9	4682.4	4721.5	4698.7
70°	3577.4	3500.8	3532.7	3564.2	3596.1	3627.6	3686.8	3746.1	3805.6	3864.9	3848.9
72.5°	2731.8	2634.8	2639.3	2643.8	2648.6	2653.1	2651.4	2650.0	2648.3	2646.6	2674.3
75°	2016.8	1923.6	1879.6	1835.6	1791.6	1747.6	1736.9	1726.2	1715.4	1704.7	1756.3
77.5°	1450.4	1386.0	1355.8	1326.1	1295.9	1266.1	1281.4	1296.6	1312.2	1327.4	1345.4
80°	1185.4	1199.6	1176.4	1153.5	1130.3	1107.1	1124.4	1141.4	1158.7	1176.1	1122.4
82.5°	773.5	794.7	723.3	651.9	580.6	509.2	552.5	595.8	639.5	682.8	660.6
85°	301.0	268.1	228.6	189.5	150.0	110.5	143.8	177.0	210.3	243.5	265.7
87.5°	19.4	15.2	12.1	9.0	5.5	2.4	5.2	8.0	11.1	13.9	23.2
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: P367271
 CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367271

CATALOG NUMBER: MSA-SA2B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3	732.3
2.5°	923.5	912.1	901.0	879.2	857.4	835.5	813.7	844.2	874.7	905.2	935.6
5°	1239.8	1231.8	1224.2	1226.3	1228.4	1230.8	1232.9	1237.4	1241.9	1246.0	1250.5
7.5°	1422.0	1421.3	1420.6	1404.7	1388.8	1372.5	1356.5	1364.5	1372.5	1380.4	1388.4
10°	1523.8	1517.3	1510.7	1475.7	1440.7	1405.4	1370.4	1355.1	1339.6	1324.3	1309.1
12.5°	1653.1	1631.2	1609.8	1572.3	1535.3	1497.9	1460.5	1446.6	1432.4	1418.5	1404.3
15°	1708.5	1705.0	1701.9	1675.2	1648.2	1621.5	1594.5	1547.1	1499.3	1451.8	1404.3
17.5°	1639.2	1630.5	1622.2	1664.5	1706.4	1748.7	1790.9	1741.7	1692.6	1643.4	1594.2
20°	1599.4	1592.8	1586.2	1664.8	1743.1	1821.8	1900.0	1878.2	1856.1	1834.2	1812.4
22.5°	1597.6	1627.8	1657.6	1726.5	1795.1	1864.0	1932.6	1970.4	2008.5	2046.2	2084.0
25°	1622.9	1666.2	1709.2	1823.5	1937.8	2052.5	2166.8	2210.1	2253.0	2296.3	2339.3
27.5°	1706.1	1775.7	1845.0	1944.7	2044.5	2144.6	2244.4	2338.9	2433.9	2528.4	2623.0
30°	1778.5	1854.0	1929.5	2048.3	2166.8	2285.6	2404.1	2522.5	2641.0	2759.5	2878.0
32.5°	1820.4	1927.1	2033.4	2177.9	2322.0	2466.4	2610.9	2740.8	2870.7	3000.2	3130.1
35°	1996.4	2092.3	2187.9	2347.6	2507.3	2667.3	2827.0	2987.8	3148.5	3308.9	3469.6
37.5°	2138.0	2244.0	2349.7	2524.3	2698.5	2873.1	3047.7	3269.7	3492.1	3714.2	3936.2
40°	2323.0	2415.5	2508.0	2671.5	2834.7	2998.2	3161.7	3443.3	3724.9	4006.2	4287.8
42.5°	2561.7	2649.3	2737.0	2911.9	3086.8	3261.8	3436.7	3748.5	4060.3	4371.7	4683.4
45°	2878.0	2967.3	3056.4	3195.6	3334.9	3474.1	3613.4	3944.9	4276.1	4607.6	4938.7
47.5°	3338.3	3338.7	3339.0	3439.5	3539.9	3640.8	3741.2	4075.1	4408.7	4742.7	5076.3
50°	3683.7	3672.6	3661.9	3713.8	3765.5	3817.4	3869.4	4176.6	4484.3	4791.5	5098.8
52.5°	4178.0	4081.4	3985.1	4015.9	4046.4	4077.2	4107.7	4367.9	4628.4	4888.5	5148.7
55°	4586.8	4489.1	4391.4	4380.0	4368.6	4357.1	4345.7	4585.1	4824.4	5063.8	5303.2
57.5°	4924.9	4792.9	4661.3	4634.9	4609.0	4582.6	4556.3	4808.8	5061.0	5313.6	5565.7
60°	5104.0	5018.8	4933.5	4916.6	4899.3	4882.3	4865.0	5072.1	5279.3	5486.4	5693.6
62.5°	5163.9	5109.5	5055.5	5087.4	5119.2	5151.4	5183.3	5274.4	5365.2	5456.3	5547.0
65°	5065.5	5058.6	5051.7	5117.1	5182.3	5247.7	5313.2	5290.7	5267.8	5245.3	5222.8
67.5°	4676.2	4653.3	4630.8	4774.5	4918.0	5061.7	5205.5	5096.4	4986.9	4877.8	4768.7
70°	3833.0	3816.7	3800.8	4007.9	4215.1	4422.6	4629.7	4497.4	4365.1	4232.8	4100.4
72.5°	2701.6	2729.4	2757.1	3001.3	3245.2	3489.4	3733.2	3599.9	3466.5	3333.1	3199.8
75°	1807.6	1859.2	1910.8	2162.3	2413.8	2665.6	2917.1	2760.5	2604.0	2447.4	2290.8
77.5°	1363.5	1381.5	1399.5	1558.5	1717.5	1876.8	2035.8	1906.6	1777.1	1647.9	1518.3
80°	1068.7	1014.6	960.9	1013.2	1065.6	1117.9	1170.2	1092.9	1015.7	938.8	861.5
82.5°	638.4	616.3	594.1	622.5	650.6	679.0	707.4	674.1	640.5	607.3	573.7
85°	287.5	309.7	331.5	360.3	388.7	417.4	446.2	399.8	353.3	306.9	260.5
87.5°	32.2	41.6	50.9	63.0	75.2	87.3	99.4	77.6	55.4	33.6	11.8
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):

	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°	732.3	732.3
2.5°	953.3	971.0
5°	1250.2	1249.5
7.5°	1367.6	1346.5
10°	1289.7	1270.3
12.5°	1354.8	1305.3
15°	1366.9	1329.5
17.5°	1533.2	1471.9
20°	1733.8	1654.8
22.5°	1975.9	1867.5
25°	2210.4	2081.6
27.5°	2545.8	2468.2
30°	2799.7	2721.0
32.5°	3076.8	3023.5
35°	3416.6	3363.3
37.5°	3950.1	3963.6
40°	4296.2	4304.5
42.5°	4715.7	4747.9
45°	4974.8	5010.8
47.5°	5126.5	5176.7
50°	5179.8	5260.9
52.5°	5248.8	5348.5
55°	5414.4	5525.6
57.5°	5654.4	5743.1
60°	5697.7	5701.9
62.5°	5482.9	5418.9
65°	5154.6	5086.3
67.5°	4727.4	4685.9
70°	4045.7	3991.0
72.5°	3097.9	2996.1
75°	2164.7	2038.6
77.5°	1452.1	1386.0
80°	863.6	865.3
82.5°	589.6	605.2
85°	257.4	253.9
87.5°	8.3	4.5
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0

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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)