

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: P596223

Luminaire Tested: **MSA-SA2A-722-U-SLR-HSS**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P596223  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)  
Test Lab: INNOVATIONS CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: MSA-SA2A-722-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**

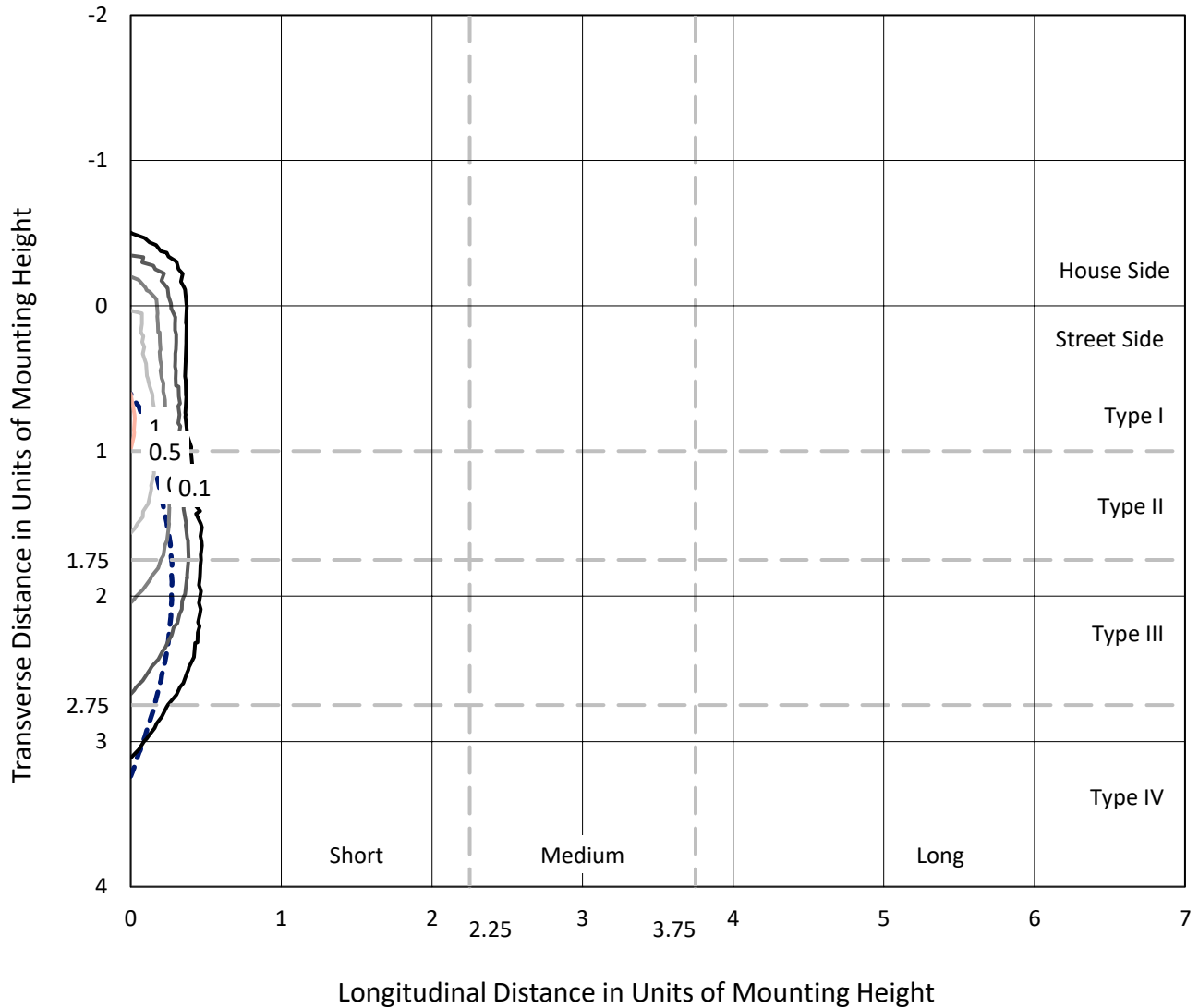
Lumens per Lamp: N/A  
Luminaire Lumens: 4262 lumens  
Efficiency: N/A  
Efficacy: 64.6 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G1  
  
Input Watts (W): 66  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage 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



REPORT NUMBER: P596223  
 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

### Iso-Footcandle Lines of Horizontal Illumination

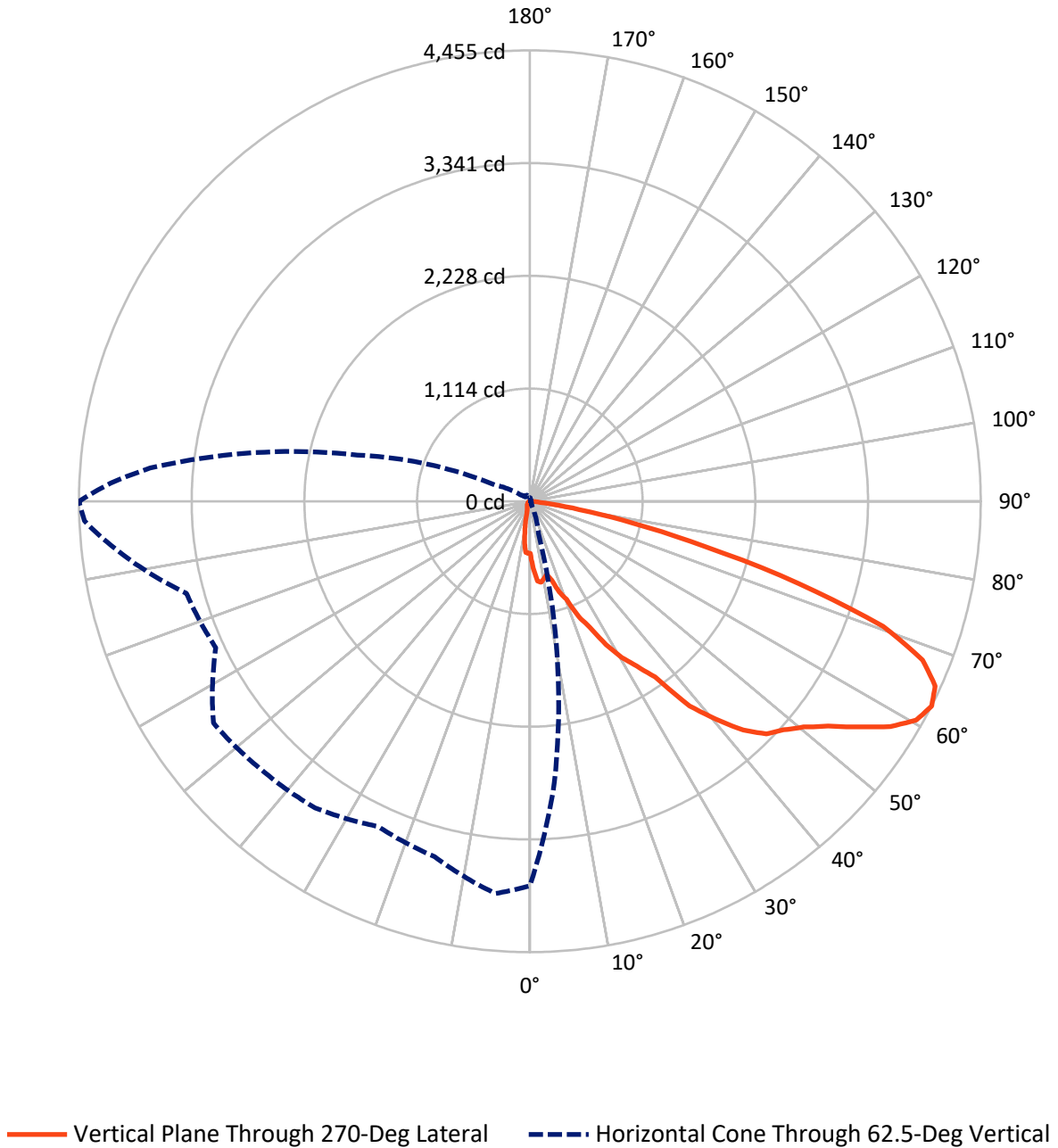
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.2 fc  
 Type IV - Short - N/A

REPORT NUMBER: P596223  
CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

### Luminous Intensity Polar Plot



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 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

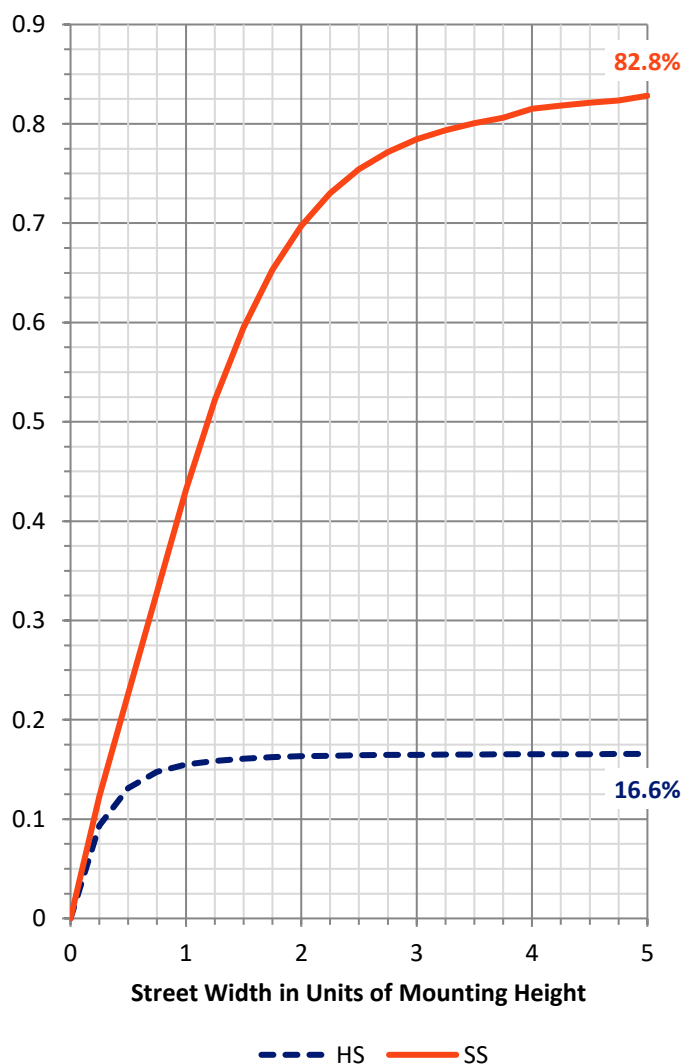
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	711.7	0.0	711.7
	% Fixture	16.7	0.0	16.7
<b>Street Side</b>	Lumens	3550.3	0.0	3550.3
	% Fixture	83.3	0.0	83.3
<b>Total</b>	Lumens	4262.0	0.0	4262.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	57.4	1.3
10°-20°	149.9	3.5
20°-30°	242.3	5.7
30°-40°	405.8	9.5
40°-50°	663.4	15.6
50°-60°	982.0	23.0
60°-70°	1127.3	26.5
70°-80°	557.4	13.1
80°-90°	76.6	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4262.0	100.0
0°-180°	4262.0	100.0

**Coefficient of Utilization**

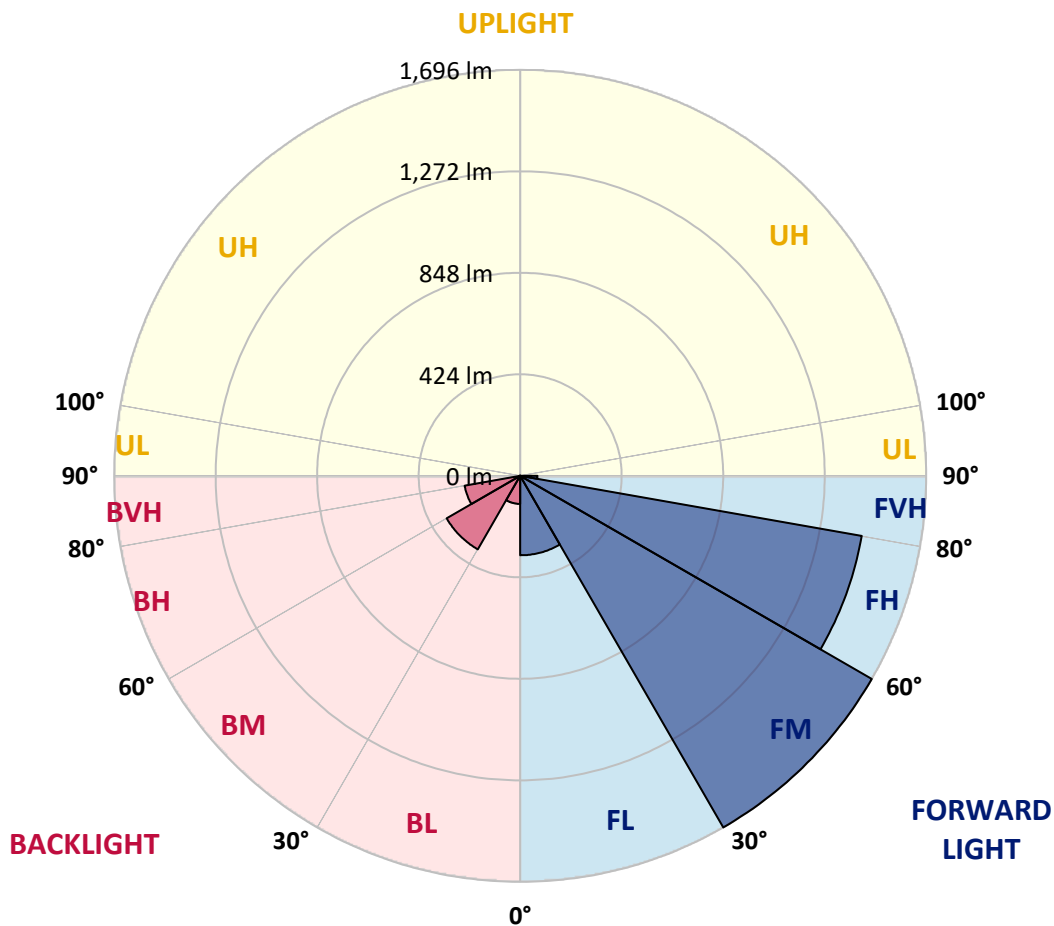


REPORT NUMBER: P596223  
 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	332.0	7.8			
FM (30°-60°)	1696.5	39.8			
FH (60°-80°)	1449.3	34.0			G1/1800
FVH (80°-90°)	72.5	1.7			G1/100
BL (0°-30°)	117.5	2.8	B1/500		
BM (30°-60°)	354.6	8.3	B1/1000		
BH (60°-80°)	235.5	5.5	B1/500		G1/500
BVH (80°-90°)	4.1	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-G1**  
 Type IV Short





REPORT NUMBER: P596223

CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6
2.5°	681.0	689.5	697.7	682.0	666.2	650.4	634.6	620.5	606.4	592.1	578.0
5°	876.3	860.8	845.2	823.8	802.5	781.1	759.7	749.7	739.8	729.8	719.9
7.5°	944.3	916.6	888.7	869.8	851.0	832.1	813.1	783.3	753.1	723.3	693.1
10°	890.9	861.5	831.9	815.3	798.8	782.3	765.8	728.6	691.2	654.0	616.6
12.5°	915.4	883.6	851.8	817.8	783.7	749.7	715.7	687.3	658.6	630.2	601.5
15°	932.4	896.0	859.3	820.4	781.6	742.7	703.8	670.3	637.0	603.5	570.0
17.5°	1032.3	980.1	927.8	868.1	808.3	748.5	688.8	649.9	611.3	572.4	533.5
20°	1160.6	1086.5	1012.1	931.2	850.3	769.4	688.5	640.2	591.8	543.5	495.1
22.5°	1309.7	1217.2	1124.4	1024.5	924.9	825.0	725.2	655.7	586.2	516.7	447.3
25°	1459.9	1376.3	1292.7	1158.4	1024.0	889.4	755.1	666.9	578.5	490.3	401.8
27.5°	1731.0	1581.6	1432.2	1261.1	1090.3	919.3	748.3	647.2	546.1	444.8	343.8
30°	1908.4	1793.4	1678.3	1452.3	1226.6	1000.7	774.8	646.7	518.7	390.4	262.4
32.5°	2120.4	1952.3	1784.0	1538.8	1293.7	1048.6	803.4	653.0	502.4	352.0	201.4
35°	2358.8	2175.8	1992.9	1682.4	1371.9	1061.2	750.7	604.9	459.2	313.4	167.6
37.5°	2779.8	2473.7	2167.6	1805.6	1443.4	1081.4	719.1	573.6	427.8	282.3	136.5
40°	3018.9	2726.6	2434.3	1982.0	1529.6	1077.2	624.9	495.6	366.6	237.4	108.1
42.5°	3329.8	2959.1	2588.1	2082.5	1577.0	1071.4	565.8	446.3	326.8	207.0	87.5
45°	3514.2	3094.2	2674.1	2126.3	1578.4	1030.6	482.7	379.2	275.7	172.2	68.8
47.5°	3630.6	3209.3	2788.1	2199.9	1612.0	1023.8	435.6	340.4	245.1	149.9	54.7
50°	3689.6	3267.2	2844.4	2240.0	1635.5	1030.8	426.4	331.6	236.6	141.9	46.9
52.5°	3751.1	3343.7	2936.0	2309.5	1682.9	1056.3	429.8	333.1	236.6	139.9	43.2
55°	3875.3	3473.4	3071.3	2409.1	1746.8	1084.5	422.2	327.0	231.8	136.3	41.1
57.5°	4027.8	3598.3	3168.5	2482.0	1795.4	1108.8	422.2	326.5	230.8	134.8	39.1
60°	3998.9	3532.7	3066.2	2400.1	1733.9	1067.5	401.3	310.2	219.4	128.3	37.2
62.5°	3800.4	3294.4	2788.1	2172.4	1556.6	940.9	325.1	252.4	179.8	106.9	34.3
65°	3567.2	3030.0	2492.6	1926.1	1359.3	792.7	225.9	177.4	128.5	79.9	31.1
67.5°	3286.4	2713.5	2140.6	1636.7	1133.1	629.2	125.4	101.1	76.8	52.2	27.9
70°	2799.0	2207.7	1616.1	1228.8	841.8	454.6	67.3	56.8	46.4	36.0	25.5
72.5°	2101.3	1559.5	1017.7	773.1	528.7	284.0	39.4	35.5	31.3	27.5	23.3
75°	1429.7	1023.8	617.8	470.3	323.1	175.7	28.2	26.2	24.1	22.1	19.9
77.5°	972.0	703.1	434.1	331.4	228.6	125.8	23.1	21.9	20.7	19.2	18.0
80°	606.9	415.4	224.0	172.5	120.7	69.2	17.5	16.8	16.0	15.1	14.3
82.5°	424.4	253.9	83.3	65.1	46.9	28.4	10.2	10.4	10.7	10.7	10.9
85°	178.1	96.2	14.3	12.1	10.0	7.8	5.6	6.1	6.8	7.3	7.8
87.5°	3.2	1.7	0.0	0.5	1.2	1.7	2.2	2.9	3.4	4.1	4.6
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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**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





REPORT NUMBER: P596223  
 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6
2.5°	581.6	585.3	588.7	592.3	589.4	586.7	583.8	580.9	576.5	572.4	568.0
5°	707.7	695.6	683.4	671.3	652.8	634.3	615.6	597.2	595.0	592.8	590.4
7.5°	664.7	636.3	607.6	579.2	552.5	525.7	499.0	472.3	464.0	456.0	447.8
10°	594.7	572.9	550.8	528.9	509.7	490.3	471.1	451.6	431.5	411.3	390.9
12.5°	578.7	555.9	532.8	509.9	492.5	475.0	457.5	440.0	417.4	394.8	372.2
15°	545.2	520.4	495.6	470.8	447.5	424.2	400.6	377.3	350.1	322.9	295.7
17.5°	504.1	475.0	445.6	416.2	385.6	354.9	324.3	293.7	262.4	231.3	199.9
20°	455.3	415.4	375.4	335.5	297.6	259.7	221.6	183.7	164.0	144.6	124.9
22.5°	395.8	344.0	292.5	240.8	209.7	178.3	147.2	115.9	107.4	98.9	90.4
25°	343.3	284.7	226.2	167.6	148.0	128.3	108.6	88.9	85.0	80.9	77.0
27.5°	288.6	233.7	178.6	123.4	112.2	100.8	89.6	78.2	75.6	73.1	70.5
30°	221.3	180.3	139.0	97.9	90.6	83.3	75.8	68.5	67.3	65.8	64.6
32.5°	171.5	141.4	111.5	81.4	77.3	73.1	69.0	64.9	62.9	61.0	58.8
35°	143.3	119.3	95.0	70.7	67.8	64.6	61.7	58.6	56.6	54.4	52.5
37.5°	118.8	101.3	83.6	65.8	62.7	59.5	56.1	53.0	51.5	50.0	48.6
40°	97.9	87.7	77.5	67.3	62.7	58.1	53.4	48.8	47.6	46.4	45.2
42.5°	80.9	74.3	67.5	61.0	57.6	54.4	51.0	47.6	45.9	44.0	42.3
45°	65.4	61.7	58.3	54.7	54.9	55.1	55.1	55.4	51.0	46.4	42.0
47.5°	53.0	51.3	49.3	47.6	49.6	51.5	53.2	55.1	50.5	45.9	41.1
50°	45.4	44.2	42.8	41.3	43.2	45.4	47.4	49.3	47.4	45.7	43.7
52.5°	41.5	39.8	38.1	36.4	37.2	38.1	38.9	39.6	39.6	39.6	39.6
55°	39.1	37.4	35.5	33.5	32.8	31.8	31.1	30.1	28.9	27.9	26.7
57.5°	37.2	35.2	33.0	31.1	29.9	28.4	27.2	25.8	24.5	23.1	21.9
60°	35.2	33.3	31.1	29.2	27.9	26.7	25.3	24.1	22.6	21.4	19.9
62.5°	32.6	30.9	29.2	27.5	26.2	25.3	24.1	22.8	21.4	19.9	18.2
65°	29.6	28.4	27.0	25.5	24.3	23.1	21.9	20.7	19.2	18.0	16.5
67.5°	27.0	25.8	24.8	23.6	22.1	20.9	19.4	18.0	17.0	16.0	14.8
70°	24.8	23.8	23.1	22.1	20.7	19.4	18.0	16.5	15.8	14.8	14.1
72.5°	22.6	21.9	20.9	20.2	18.9	17.7	16.5	15.3	14.6	13.8	13.1
75°	19.4	18.9	18.5	18.0	16.8	15.5	14.1	12.9	12.6	12.4	12.1
77.5°	17.5	17.2	16.8	16.3	15.1	13.8	12.6	11.4	11.7	11.9	11.9
80°	14.3	14.3	14.1	14.1	13.1	12.1	10.9	10.0	10.4	11.2	11.7
82.5°	10.9	10.9	10.9	10.9	10.0	9.0	8.0	7.0	7.8	8.3	9.0
85°	7.5	7.3	7.0	6.8	6.1	5.6	4.9	4.1	5.1	5.8	6.8
87.5°	4.6	4.9	4.9	4.9	4.4	3.6	3.2	2.4	2.9	3.2	3.6
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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 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6
2.5°	563.6	556.3	549.1	541.5	534.2	517.2	500.2	483.2	466.2	478.8	491.2
5°	588.2	574.1	559.8	545.7	531.3	525.0	518.9	512.6	506.3	507.3	508.5
7.5°	439.5	430.3	421.0	411.6	402.3	400.4	398.7	396.7	394.8	398.9	402.8
10°	370.7	357.9	344.7	331.9	318.7	311.7	304.7	297.6	290.6	289.8	288.9
12.5°	349.6	329.9	310.5	290.8	271.1	255.8	240.5	225.2	209.9	211.1	212.3
15°	268.5	248.8	229.3	209.7	190.0	177.6	165.0	152.6	139.9	136.3	132.6
17.5°	168.6	154.0	139.5	124.6	110.1	105.9	102.0	97.9	93.8	92.6	91.3
20°	105.2	98.9	92.6	86.0	79.7	78.7	77.7	76.8	75.8	76.5	77.3
22.5°	81.9	79.2	76.3	73.6	70.7	69.7	68.8	67.8	66.8	67.5	68.0
25°	72.9	70.9	69.0	67.1	65.1	64.1	62.9	62.0	60.7	61.2	62.0
27.5°	67.8	66.1	64.4	62.7	61.0	59.3	57.8	56.1	54.4	55.4	56.1
30°	63.2	61.2	59.5	57.6	55.6	53.9	52.2	50.3	48.6	49.6	50.5
32.5°	56.8	55.1	53.2	51.5	49.6	48.6	47.6	46.4	45.4	46.2	46.6
35°	50.3	48.8	47.6	46.2	44.7	43.7	43.0	42.0	41.1	41.3	41.8
37.5°	47.1	45.4	43.7	42.0	40.3	39.8	39.4	38.6	38.1	38.1	38.1
40°	44.0	42.3	40.6	38.6	36.9	36.2	35.5	34.7	34.0	34.0	34.0
42.5°	40.3	38.6	36.9	35.2	33.5	32.8	31.8	31.1	30.1	30.1	30.1
45°	37.4	35.7	34.3	32.6	30.9	29.6	28.4	27.0	25.8	25.5	25.3
47.5°	36.4	34.0	31.6	29.2	26.7	25.5	24.3	22.8	21.6	21.4	21.1
50°	41.8	36.9	32.1	27.2	22.4	21.4	20.4	19.4	18.5	18.0	17.7
52.5°	39.6	34.5	29.4	24.3	19.2	18.5	17.7	17.0	16.3	15.8	15.3
55°	25.5	23.3	21.4	19.2	17.0	16.5	16.0	15.3	14.8	14.3	13.8
57.5°	20.4	19.2	18.2	17.0	15.8	15.3	14.8	14.1	13.6	12.9	12.4
60°	18.5	17.5	16.5	15.5	14.6	14.1	13.6	13.1	12.6	11.9	11.4
62.5°	16.8	16.0	15.3	14.6	13.8	13.4	12.9	12.4	11.9	11.2	10.4
65°	15.1	14.6	14.1	13.6	13.1	12.6	12.1	11.4	10.9	10.2	9.5
67.5°	13.8	13.6	13.4	13.1	12.9	12.4	11.7	11.2	10.4	9.7	8.7
70°	13.1	13.1	13.1	12.9	12.9	12.4	11.7	11.2	10.4	9.5	8.7
72.5°	12.4	12.6	12.9	12.9	13.1	12.4	11.7	10.9	10.2	9.2	8.5
75°	11.9	12.1	12.4	12.4	12.6	12.1	11.7	10.9	10.4	9.5	8.5
77.5°	12.1	12.4	12.4	12.6	12.6	12.1	11.7	10.9	10.4	9.2	8.0
80°	12.1	11.9	11.7	11.2	10.9	10.0	9.0	7.8	6.8	5.3	4.1
82.5°	9.5	9.0	8.7	8.3	7.8	6.8	5.8	4.9	3.9	2.9	1.9
85°	7.5	7.0	6.8	6.3	5.8	5.1	4.1	3.4	2.4	1.9	1.2
87.5°	3.9	3.6	3.2	2.9	2.4	1.9	1.2	0.7	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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6
2.5°	503.9	516.3	514.6	512.9	520.9	528.9	523.1	517.5	511.6	505.8	493.7
5°	509.5	510.4	508.7	506.8	507.0	507.3	503.4	499.5	495.6	491.7	491.0
7.5°	406.9	410.8	416.2	421.3	421.5	421.5	418.6	415.7	412.5	409.6	411.1
10°	288.1	287.2	288.6	290.1	289.8	289.4	297.1	304.9	312.4	320.2	314.6
12.5°	213.3	214.5	208.4	202.4	204.6	206.5	207.7	208.9	210.1	211.4	214.8
15°	129.0	125.4	121.0	116.6	118.8	120.7	122.9	124.9	127.1	129.0	131.2
17.5°	89.9	88.7	86.7	84.5	84.8	85.0	85.3	85.5	85.5	85.8	86.2
20°	78.0	78.7	77.3	75.6	75.1	74.3	73.9	73.4	72.6	72.2	71.4
22.5°	68.8	69.2	69.5	69.5	68.5	67.3	66.3	65.6	64.6	63.7	63.2
25°	62.4	62.9	62.4	61.7	61.2	60.7	60.3	59.5	59.0	58.3	58.1
27.5°	57.1	57.8	57.8	57.6	57.1	56.4	55.1	54.2	53.0	51.7	52.0
30°	51.5	52.5	52.5	52.2	52.0	51.7	50.5	49.3	48.1	46.9	47.4
32.5°	47.4	47.9	47.6	47.4	47.4	47.1	46.2	45.4	44.5	43.5	43.5
35°	42.0	42.3	42.3	42.3	42.3	42.0	41.3	40.6	39.8	39.1	39.4
37.5°	38.1	38.1	38.9	39.4	38.9	38.4	37.9	37.2	36.7	36.0	36.0
40°	33.8	33.8	34.5	35.0	34.5	34.0	33.8	33.3	33.0	32.6	32.6
42.5°	29.9	29.9	30.6	31.1	31.1	30.9	30.4	29.9	29.4	28.9	29.2
45°	25.0	24.8	26.0	27.0	26.5	26.0	26.0	25.8	25.8	25.5	25.8
47.5°	20.7	20.4	21.4	22.4	22.1	21.6	21.6	21.6	21.6	21.6	21.9
50°	17.2	16.8	17.7	18.5	18.2	17.7	17.7	18.0	18.0	18.0	18.2
52.5°	14.8	14.3	15.1	15.5	15.3	15.1	15.1	15.3	15.3	15.3	15.5
55°	13.1	12.6	13.4	13.8	13.6	13.1	13.4	13.4	13.6	13.6	13.6
57.5°	11.7	10.9	11.4	11.9	11.9	11.7	11.9	11.9	12.1	12.1	12.1
60°	10.7	10.0	10.4	10.7	10.7	10.4	10.7	10.7	10.9	10.9	10.9
62.5°	9.5	8.7	9.2	9.5	9.5	9.2	9.5	9.5	9.7	9.7	9.7
65°	8.5	7.8	8.0	8.3	8.3	8.3	8.5	8.5	8.7	8.7	8.7
67.5°	8.0	7.0	7.3	7.5	7.5	7.5	7.8	7.8	8.0	8.0	8.3
70°	7.8	6.8	7.0	7.0	7.3	7.3	7.3	7.5	7.5	7.5	7.5
72.5°	7.5	6.6	6.6	6.6	6.8	6.8	6.8	7.0	7.0	7.0	7.0
75°	7.5	6.6	6.3	6.1	6.3	6.3	6.3	6.6	6.6	6.6	6.6
77.5°	6.6	5.3	4.9	4.1	4.9	5.3	5.6	5.6	5.8	5.8	5.8
80°	2.7	1.2	0.7	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7
82.5°	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.7	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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6
2.5°	481.5	469.4	457.2	463.1	468.9	474.7	480.6	480.1	479.3	478.8	478.1
5°	490.5	489.8	489.1	485.7	482.5	479.1	475.7	475.0	474.0	473.3	472.3
7.5°	412.5	413.7	415.2	411.3	407.4	403.5	399.6	389.7	379.7	369.5	359.6
10°	309.0	303.2	297.6	297.1	296.6	296.2	295.7	294.7	293.7	292.5	291.5
12.5°	218.4	221.8	225.2	224.0	222.8	221.3	220.1	221.8	223.8	225.5	227.2
15°	133.1	135.3	137.3	141.6	146.0	150.4	154.8	156.5	158.4	160.1	161.8
17.5°	86.7	87.0	87.5	92.3	96.9	101.8	106.4	109.6	112.7	115.6	118.8
20°	70.7	70.0	69.2	71.9	74.6	77.3	79.9	82.8	85.8	88.7	91.6
22.5°	62.9	62.4	62.0	62.9	63.9	64.6	65.6	67.8	70.2	72.4	74.6
25°	57.8	57.3	57.1	57.6	58.1	58.6	59.0	60.3	61.5	62.7	63.9
27.5°	52.0	52.2	52.2	52.7	53.0	53.4	53.7	54.2	54.9	55.4	55.9
30°	47.6	48.1	48.3	48.8	49.1	49.6	49.8	49.6	49.3	49.1	48.8
32.5°	43.5	43.2	43.2	43.7	44.0	44.5	44.7	45.2	45.7	45.9	46.4
35°	39.4	39.6	39.6	39.6	39.8	39.8	39.8	40.3	41.1	41.5	42.0
37.5°	35.7	35.7	35.5	36.2	36.7	37.4	37.9	38.4	39.1	39.6	40.1
40°	32.6	32.6	32.6	33.0	33.5	33.8	34.3	35.5	36.7	37.9	39.1
42.5°	29.2	29.4	29.4	29.9	30.4	30.6	31.1	32.1	32.8	33.8	34.5
45°	26.0	26.2	26.5	27.0	27.2	27.7	27.9	28.4	28.7	29.2	29.4
47.5°	22.4	22.6	22.8	23.3	23.6	24.1	24.3	24.1	24.1	23.8	23.6
50°	18.7	18.9	19.2	19.9	20.4	21.1	21.6	21.1	20.7	19.9	19.4
52.5°	15.8	15.8	16.0	16.5	17.0	17.2	17.7	17.5	17.2	17.0	16.8
55°	13.6	13.6	13.6	13.8	14.1	14.3	14.6	14.8	14.8	15.1	15.1
57.5°	12.1	11.9	11.9	12.1	12.4	12.4	12.6	12.9	12.9	13.1	13.1
60°	10.9	10.7	10.7	10.9	11.2	11.4	11.7	11.7	11.7	11.4	11.4
62.5°	9.7	9.7	9.7	10.0	10.0	10.2	10.2	10.2	10.4	10.4	10.4
65°	9.0	9.0	9.0	9.0	9.0	8.7	8.7	9.0	9.0	9.2	9.2
67.5°	8.3	8.5	8.5	8.3	8.0	7.8	7.5	7.8	7.8	8.0	8.0
70°	7.5	7.5	7.5	7.3	7.0	6.8	6.6	6.6	6.6	6.3	6.3
72.5°	7.0	6.8	6.8	6.6	6.1	5.8	5.3	5.1	5.1	4.9	4.6
75°	6.6	6.3	6.3	5.8	5.3	4.9	4.4	4.1	3.6	3.4	2.9
77.5°	5.8	5.8	5.8	5.1	4.6	3.9	3.2	2.7	2.2	1.5	1.0
80°	1.9	2.2	2.4	2.2	2.2	1.9	1.7	1.2	1.0	0.5	0.0
82.5°	0.2	0.2	0.2	0.2	0.2	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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6
2.5°	480.8	483.5	486.1	488.8	489.1	489.3	489.5	489.8	483.7	477.4	471.3
5°	477.1	482.3	487.1	492.0	489.3	486.6	484.0	481.3	481.0	481.0	480.8
7.5°	360.3	360.8	361.5	362.0	363.0	363.9	364.7	365.6	369.5	373.4	377.1
10°	288.4	285.2	281.8	278.7	276.2	273.6	271.1	268.5	270.4	272.6	274.5
12.5°	224.5	221.8	218.9	216.2	215.3	214.3	213.1	212.1	218.4	224.7	230.8
15°	161.3	160.8	160.1	159.6	162.8	165.9	169.1	172.2	177.6	182.7	188.0
17.5°	120.0	121.2	122.4	123.7	125.6	127.5	129.2	131.2	135.1	139.2	143.1
20°	93.0	94.7	96.2	97.7	97.2	96.7	96.0	95.5	98.6	101.8	104.7
22.5°	76.0	77.3	78.7	79.9	80.2	80.4	80.7	80.9	82.8	84.5	86.5
25°	65.1	66.6	67.8	69.0	69.2	69.5	69.7	70.0	72.4	74.8	77.0
27.5°	57.6	59.0	60.7	62.2	62.7	63.2	63.7	64.1	65.6	66.8	68.3
30°	50.8	52.7	54.7	56.6	57.3	58.1	58.8	59.5	61.0	62.7	64.1
32.5°	47.4	48.6	49.6	50.5	52.2	53.7	55.4	56.8	58.6	60.5	62.2
35°	43.5	44.7	46.2	47.4	48.6	49.8	50.8	52.0	53.0	53.9	54.7
37.5°	41.1	42.3	43.2	44.2	44.7	45.2	45.4	45.9	46.4	46.9	47.1
40°	39.1	38.9	38.9	38.6	39.1	39.8	40.3	40.8	42.3	43.5	44.9
42.5°	34.0	33.3	32.8	32.1	33.3	34.3	35.5	36.4	38.4	40.3	42.3
45°	28.9	28.4	27.7	27.2	28.9	30.6	32.3	34.0	36.2	38.1	40.3
47.5°	23.8	24.1	24.1	24.3	26.0	27.7	29.2	30.9	33.0	35.2	37.4
50°	19.9	20.4	20.9	21.4	23.1	24.5	26.2	27.7	30.1	32.3	34.7
52.5°	17.5	18.2	18.7	19.4	20.9	22.6	24.1	25.5	27.7	29.9	32.1
55°	15.8	16.8	17.5	18.2	19.4	20.7	21.9	23.1	25.3	27.5	29.4
57.5°	13.8	14.6	15.3	16.0	17.2	18.5	19.4	20.7	22.6	24.8	26.7
60°	12.1	12.6	13.4	13.8	14.8	16.0	17.0	18.0	19.9	21.9	23.6
62.5°	10.7	11.2	11.4	11.7	12.6	13.6	14.6	15.5	17.2	19.2	20.9
65°	9.5	9.7	9.7	10.0	10.7	11.7	12.4	13.1	15.1	16.8	18.7
67.5°	8.0	8.3	8.3	8.3	9.0	9.7	10.4	11.2	12.9	14.8	16.5
70°	6.3	6.6	6.6	6.6	7.3	8.3	9.0	9.7	11.2	12.6	14.1
72.5°	4.9	4.9	5.1	5.1	5.8	6.8	7.5	8.3	9.5	10.7	11.9
75°	3.2	3.4	3.4	3.6	4.4	5.3	6.1	6.8	8.0	9.2	10.2
77.5°	1.2	1.7	1.9	2.2	2.9	3.6	4.4	5.1	6.1	7.3	8.3
80°	0.0	0.2	0.2	0.2	0.7	1.0	1.5	1.7	2.4	3.4	4.1
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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6
2.5°	465.0	478.4	491.7	505.1	518.4	535.0	551.5	553.9	556.3	553.4	550.8
5°	480.6	487.1	493.4	500.0	506.3	525.3	544.0	544.2	544.2	544.4	544.4
7.5°	380.9	386.5	392.1	397.5	403.0	415.4	427.8	432.4	436.8	435.8	434.9
10°	276.5	283.8	290.8	298.1	305.1	316.6	328.0	332.4	336.5	349.8	363.4
12.5°	237.1	244.2	251.2	258.0	265.1	276.7	288.4	296.9	305.1	313.4	321.7
15°	193.1	198.7	204.6	210.1	215.7	221.1	226.4	236.9	247.1	255.3	263.6
17.5°	147.0	149.4	151.6	154.0	156.2	158.6	161.1	165.4	169.6	176.9	183.9
20°	107.9	109.8	111.8	113.5	115.4	117.8	120.3	123.4	126.3	128.0	129.5
22.5°	88.2	91.1	94.0	96.7	99.6	101.3	103.0	104.0	105.0	105.7	106.4
25°	79.4	82.1	84.5	87.2	89.6	90.4	91.1	93.0	95.0	95.0	95.0
27.5°	69.5	73.1	77.0	80.7	84.3	85.3	86.0	86.7	87.2	86.2	85.0
30°	65.6	69.2	72.9	76.3	79.9	81.4	82.6	83.3	84.1	82.8	81.6
32.5°	63.9	67.3	70.5	73.9	77.0	79.0	80.7	82.6	84.3	84.5	85.0
35°	55.6	57.8	60.3	62.4	64.6	65.6	66.6	67.3	67.8	67.8	67.8
37.5°	47.6	50.5	53.7	56.6	59.5	61.7	63.9	64.1	64.1	64.6	65.4
40°	46.2	49.1	52.0	54.7	57.6	60.0	62.2	62.4	62.7	63.2	63.7
42.5°	44.2	47.4	50.5	53.7	56.8	59.3	61.5	61.5	61.2	62.0	62.4
45°	42.3	45.4	48.3	51.5	54.4	57.6	60.5	59.8	58.8	60.0	61.0
47.5°	39.6	43.0	46.4	49.6	53.0	55.9	58.6	58.1	57.3	58.6	59.8
50°	36.9	40.3	43.7	47.1	50.5	53.7	56.6	56.1	55.6	57.1	58.3
52.5°	34.3	37.7	41.3	44.7	48.1	50.8	53.2	53.0	52.7	54.2	55.9
55°	31.6	34.7	38.1	41.3	44.5	47.4	50.0	49.6	49.1	50.3	51.5
57.5°	28.7	31.8	34.7	37.9	40.8	43.2	45.4	44.7	44.0	45.4	46.9
60°	25.5	28.4	31.3	34.0	36.9	38.9	40.6	40.1	39.4	40.8	42.3
62.5°	22.6	25.3	27.9	30.4	33.0	34.5	36.0	35.5	35.0	36.4	38.1
65°	20.4	22.6	24.5	26.7	28.7	30.1	31.6	30.9	30.1	31.8	33.3
67.5°	18.2	19.9	21.9	23.6	25.3	26.5	27.7	27.2	26.5	27.7	28.9
70°	15.5	17.2	18.9	20.4	22.1	23.3	24.5	23.8	22.8	24.1	25.3
72.5°	13.1	14.6	16.0	17.2	18.7	19.7	20.7	19.9	19.2	20.2	21.1
75°	11.4	12.6	13.8	14.8	16.0	16.5	17.0	16.8	16.3	17.2	18.0
77.5°	9.2	10.2	11.4	12.4	13.4	13.4	13.4	13.6	13.6	14.6	15.8
80°	4.9	5.8	6.8	7.5	8.5	8.5	8.3	8.7	9.0	10.2	11.4
82.5°	0.0	0.7	1.5	2.2	2.9	2.7	2.2	2.4	2.4	2.9	3.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5
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



REPORT NUMBER: P596223  
 CATALOG NUMBER: MSA-SA2A-722-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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6
2.5°	547.8	544.9	543.0	541.3	539.3	537.4	539.8	542.3	544.4	546.9	554.2
5°	544.7	544.7	543.0	541.3	539.6	537.9	541.5	544.9	548.6	552.0	551.7
7.5°	433.7	432.7	442.9	452.9	463.1	473.0	475.7	478.4	480.8	483.5	482.7
10°	376.8	390.2	394.5	398.9	403.3	407.7	413.0	418.4	423.7	429.0	431.0
12.5°	329.9	338.2	352.3	366.1	380.2	394.1	401.1	408.4	415.4	422.5	436.3
15°	271.9	280.1	292.3	304.4	316.6	328.7	339.9	351.3	362.5	373.7	390.4
17.5°	191.2	198.2	207.5	216.7	225.7	234.9	252.2	269.4	286.7	303.9	321.7
20°	131.2	132.6	137.0	141.6	146.0	150.4	165.9	181.7	197.3	212.8	236.1
22.5°	106.9	107.6	109.8	112.0	113.9	116.1	124.1	132.4	140.4	148.4	167.4
25°	94.7	94.7	96.2	97.7	99.1	100.6	105.0	109.3	113.5	117.8	130.0
27.5°	84.1	82.8	85.0	87.2	89.4	91.6	94.7	98.2	101.3	104.5	112.7
30°	80.4	79.2	81.9	84.5	87.2	89.9	93.0	96.2	99.1	102.3	107.9
32.5°	85.3	85.5	86.5	87.5	88.2	89.2	90.6	92.3	93.8	95.2	100.1
35°	67.8	67.8	69.5	71.2	72.6	74.3	77.0	79.7	82.4	85.0	90.1
37.5°	65.8	66.3	67.8	69.5	70.9	72.4	75.8	79.4	82.8	86.2	90.4
40°	63.9	64.4	66.3	68.3	70.2	72.2	75.6	78.7	82.1	85.3	89.2
42.5°	63.2	63.7	66.1	68.8	71.2	73.6	76.5	79.4	82.1	85.0	90.4
45°	62.2	63.2	66.1	69.2	72.2	75.1	77.7	80.4	83.1	85.8	92.3
47.5°	60.7	62.0	65.4	68.5	71.9	75.1	80.2	85.5	90.6	95.7	98.9
50°	59.8	61.0	64.6	68.3	71.9	75.6	83.8	92.1	100.1	108.4	106.7
52.5°	57.3	58.8	63.4	68.0	72.6	77.3	84.5	91.8	99.1	106.4	103.0
55°	52.7	53.9	59.3	64.6	69.7	75.1	80.4	85.8	90.9	96.2	92.3
57.5°	48.1	49.6	54.7	59.8	64.6	69.7	72.4	75.1	77.7	80.4	79.0
60°	43.7	45.2	52.0	58.8	65.6	72.4	70.0	67.5	64.9	62.4	64.1
62.5°	39.6	41.1	47.6	53.9	60.5	66.8	63.4	60.0	56.6	53.2	55.9
65°	35.0	36.4	38.9	41.5	44.0	46.4	46.2	45.7	45.4	44.9	47.9
67.5°	30.1	31.3	32.6	34.0	35.2	36.4	37.2	38.1	38.9	39.6	42.0
70°	26.2	27.5	28.9	30.1	31.6	32.8	33.3	33.8	34.0	34.5	36.7
72.5°	21.9	22.8	24.8	26.7	28.4	30.4	30.6	30.6	30.9	30.9	32.6
75°	18.9	19.7	21.1	22.6	23.8	25.3	26.0	26.7	27.2	27.9	28.9
77.5°	16.8	17.7	18.2	18.5	18.9	19.2	19.7	20.2	20.7	21.1	21.4
80°	12.4	13.6	14.1	14.3	14.8	15.1	15.1	14.8	14.8	14.6	14.8
82.5°	3.9	4.4	5.1	5.8	6.6	7.3	7.5	7.8	7.8	8.0	7.8
85°	0.7	1.0	1.5	1.9	2.2	2.7	2.4	1.9	1.7	1.2	1.0
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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6
2.5°	561.5	568.5	575.8	572.9	570.0	567.0	564.1	564.6	565.3	565.8	566.3
5°	551.5	551.0	550.8	559.0	567.5	575.8	584.0	593.0	602.3	611.3	620.2
7.5°	482.0	481.0	480.3	491.0	501.7	512.4	523.1	535.5	548.1	560.5	572.9
10°	432.9	434.9	436.8	441.2	445.8	450.2	454.6	466.5	478.4	490.0	501.9
12.5°	450.2	463.8	477.6	480.3	482.7	485.4	487.8	489.5	491.2	492.9	494.6
15°	407.4	424.2	440.9	448.0	454.8	461.8	468.6	486.6	504.4	522.3	540.1
17.5°	339.4	356.9	374.6	395.8	416.9	438.0	459.2	478.6	498.0	517.5	536.9
20°	259.7	283.0	306.4	333.1	360.0	386.8	413.5	432.9	452.1	471.6	490.8
22.5°	186.6	205.5	224.5	256.8	288.9	321.2	353.2	387.0	421.0	454.8	488.6
25°	142.1	154.0	166.2	198.0	229.8	261.4	293.2	339.6	386.0	432.4	478.8
27.5°	120.7	129.0	137.0	165.7	194.4	222.8	251.5	306.6	361.7	416.9	472.0
30°	113.7	119.3	124.9	149.2	173.7	198.0	222.3	278.2	334.1	389.9	445.8
32.5°	105.0	109.6	114.4	135.8	157.2	178.3	199.7	254.4	309.0	363.4	418.1
35°	95.0	100.1	105.0	126.3	147.7	168.8	190.2	246.8	303.4	360.0	416.7
37.5°	94.3	98.4	102.3	127.1	152.1	176.9	201.6	258.3	314.9	371.2	427.8
40°	93.3	97.2	101.1	126.3	151.4	176.6	201.6	260.9	320.2	379.5	438.8
42.5°	95.7	100.8	106.2	128.5	150.9	173.0	195.3	257.8	320.2	382.4	444.8
45°	99.1	105.7	112.2	132.6	153.1	173.5	193.9	261.7	329.4	397.0	464.8
47.5°	102.3	105.4	108.6	128.0	147.2	166.7	185.9	255.1	324.3	393.6	462.8
50°	105.2	103.5	101.8	123.2	144.6	165.7	187.1	253.2	319.0	385.1	450.9
52.5°	99.4	96.0	92.3	115.2	138.0	160.6	183.4	250.0	316.6	383.1	449.7
55°	88.4	84.5	80.7	103.3	125.6	148.2	170.5	236.9	303.2	369.5	435.8
57.5°	77.3	75.8	74.1	91.3	108.6	125.6	142.9	216.5	290.3	363.9	437.5
60°	65.8	67.3	69.0	81.4	93.8	105.9	118.3	190.5	262.4	334.5	406.5
62.5°	58.3	61.0	63.4	73.9	84.5	95.0	105.4	173.5	241.5	309.5	377.5
65°	51.0	53.9	56.8	69.2	81.9	94.3	106.7	164.2	221.8	279.4	337.0
67.5°	44.5	46.6	49.1	65.4	81.6	97.9	114.2	161.3	208.2	255.3	302.2
70°	38.9	40.8	43.0	62.0	80.9	99.9	118.8	158.9	199.2	239.3	279.4
72.5°	34.3	36.0	37.7	56.8	76.0	95.2	114.4	150.1	185.6	221.3	256.8
75°	29.9	30.6	31.6	47.9	63.9	80.2	96.2	120.0	144.1	167.9	191.7
77.5°	21.6	21.6	21.9	26.7	31.3	36.2	40.8	55.6	70.5	85.0	99.9
80°	14.8	15.1	15.1	17.0	18.7	20.7	22.4	25.5	28.4	31.6	34.5
82.5°	7.5	7.0	6.8	8.7	10.7	12.6	14.6	15.3	15.8	16.5	17.0
85°	0.7	0.2	0.0	1.2	2.4	3.6	4.9	5.8	6.8	7.8	8.7
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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-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: P596223

CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6
2.5°	564.4	562.4	560.5	558.5	570.4	582.6	594.5	606.4	640.2	662.3	659.8
5°	629.0	637.7	646.5	655.2	669.3	683.7	697.7	711.8	761.9	792.5	796.9
7.5°	586.5	599.8	613.4	626.8	654.0	681.0	708.2	735.2	776.2	808.0	826.0
10°	517.2	532.5	547.6	562.9	593.5	624.4	655.0	685.6	731.8	775.7	798.3
12.5°	518.7	542.7	566.8	590.8	617.6	644.3	670.8	697.5	725.7	740.5	772.3
15°	559.0	578.0	596.9	615.9	650.9	685.8	720.6	755.6	772.3	808.0	845.2
17.5°	573.8	611.0	647.9	684.9	728.6	772.1	815.8	859.3	890.9	940.4	978.8
20°	546.4	602.0	657.4	713.1	773.1	833.1	893.1	953.1	987.6	1034.7	1094.0
22.5°	547.6	606.6	665.4	724.5	807.3	889.9	972.8	1055.4	1147.9	1238.8	1267.7
25°	556.1	633.4	710.4	787.6	883.4	979.1	1074.8	1170.5	1282.3	1377.8	1416.1
27.5°	559.0	646.0	732.7	819.7	955.8	1091.8	1227.9	1363.9	1497.3	1605.2	1646.2
30°	552.0	658.4	764.6	870.7	1037.6	1204.5	1371.4	1538.3	1664.9	1790.5	1841.5
32.5°	553.7	689.2	824.8	960.4	1156.9	1353.7	1550.2	1746.8	1827.7	1940.9	2030.8
35°	565.3	714.0	862.5	1011.1	1228.6	1446.0	1663.5	1880.9	2013.5	2133.1	2209.4
37.5°	592.5	757.3	921.7	1086.5	1353.7	1621.2	1888.4	2155.7	2361.0	2566.3	2601.2
40°	612.7	786.7	960.6	1134.6	1444.8	1755.1	2065.3	2375.5	2607.8	2830.6	2854.4
42.5°	635.6	826.0	1016.7	1207.2	1554.1	1901.1	2248.0	2594.9	2863.9	3091.0	3106.8
45°	660.6	856.6	1052.4	1248.3	1611.7	1974.9	2338.4	2701.6	3015.7	3279.5	3220.0
47.5°	672.5	882.1	1091.8	1301.5	1691.2	2080.6	2470.3	2859.7	3141.6	3374.3	3304.8
50°	681.7	912.3	1143.1	1373.6	1782.3	2190.9	2599.5	3008.2	3290.7	3505.5	3396.6
52.5°	707.7	965.5	1223.5	1481.3	1915.9	2350.3	2784.9	3219.3	3492.6	3689.9	3537.3
55°	733.0	1029.9	1327.0	1623.9	2091.3	2559.0	3026.4	3493.8	3765.9	3935.0	3727.8
57.5°	764.8	1092.3	1419.5	1746.8	2246.8	2746.8	3246.5	3746.5	4012.5	4199.3	3984.1
60°	756.5	1106.4	1456.5	1806.3	2315.5	2824.8	3334.0	3843.2	4159.3	4388.8	4242.8
62.5°	724.5	1071.4	1418.1	1765.0	2265.2	2765.2	3265.5	3765.4	4144.2	4455.2	4406.1
65°	659.6	982.0	1304.6	1627.0	2104.7	2582.5	3060.2	3537.8	4005.2	4401.0	4418.5
67.5°	574.3	846.4	1118.3	1390.4	1836.0	2281.5	2726.8	3172.4	3724.1	4185.7	4237.7
70°	484.0	688.3	892.8	1097.2	1489.3	1881.4	2273.3	2665.4	3239.0	3703.5	3801.6
72.5°	388.0	519.4	650.6	781.8	1064.8	1347.6	1630.7	1913.5	2418.1	2778.6	2949.9
75°	251.5	311.2	371.0	430.7	619.3	807.6	996.1	1184.4	1519.4	1784.9	1978.6
77.5°	112.0	124.1	136.1	148.2	293.7	439.2	584.8	730.3	875.8	1036.2	1081.6
80°	40.1	45.4	51.0	56.4	127.8	199.5	270.9	342.3	412.8	495.6	515.8
82.5°	16.8	16.8	16.5	16.3	41.8	67.3	92.8	118.3	136.8	157.2	161.1
85°	6.8	5.1	3.2	1.2	5.3	9.7	13.8	18.0	28.9	26.2	48.6
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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-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: P596223

CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6
2.5°	650.6	650.1	649.6	649.2	648.7	639.9	631.4	622.7	614.2	624.9	635.6
5°	789.8	802.5	815.1	828.0	840.6	844.2	847.9	851.5	855.2	862.9	870.7
7.5°	841.1	862.5	883.6	905.0	926.1	945.8	965.2	984.9	1004.6	999.7	994.9
10°	823.3	862.0	900.6	939.5	978.1	986.6	995.1	1003.9	1012.4	1034.5	1056.6
12.5°	804.2	850.6	897.0	943.4	989.8	1015.5	1041.0	1066.8	1092.5	1114.9	1137.2
15°	895.3	924.9	954.5	984.4	1014.1	1036.7	1059.0	1081.6	1104.0	1119.5	1134.8
17.5°	1015.0	1029.6	1044.2	1059.0	1073.6	1091.3	1109.1	1126.8	1144.5	1153.8	1163.0
20°	1141.6	1147.9	1154.2	1160.6	1166.9	1152.8	1138.7	1124.6	1110.5	1119.3	1127.8
22.5°	1268.7	1270.9	1273.3	1275.5	1277.7	1244.9	1212.1	1179.3	1146.5	1132.6	1118.8
25°	1464.2	1448.2	1432.2	1416.1	1400.1	1361.2	1322.4	1283.5	1244.6	1210.4	1176.1
27.5°	1676.1	1621.7	1567.5	1513.1	1458.9	1420.0	1381.2	1342.3	1303.4	1251.9	1200.4
30°	1889.6	1801.9	1714.5	1626.8	1539.3	1493.2	1447.0	1400.6	1354.4	1302.9	1251.7
32.5°	2085.5	1980.0	1874.6	1768.9	1663.5	1585.7	1508.0	1430.2	1352.5	1316.5	1280.6
35°	2247.8	2123.1	1998.5	1873.6	1749.0	1672.0	1595.0	1517.9	1440.9	1387.5	1334.3
37.5°	2525.2	2385.0	2244.8	2104.7	1964.5	1859.3	1754.3	1649.1	1543.9	1508.2	1472.5
40°	2781.0	2604.4	2427.8	2251.2	2074.5	1986.3	1898.4	1810.2	1722.3	1663.7	1605.4
42.5°	2984.4	2798.3	2612.4	2426.3	2240.2	2153.0	2066.0	1978.8	1891.6	1852.5	1813.6
45°	3028.3	2852.9	2677.8	2502.4	2327.0	2276.2	2225.6	2174.9	2124.3	2097.4	2070.6
47.5°	3115.1	2924.8	2734.9	2544.6	2354.4	2331.6	2308.7	2285.6	2262.8	2275.7	2288.6
50°	3163.7	2969.5	2775.4	2581.3	2387.2	2393.8	2400.1	2406.6	2413.2	2504.5	2595.7
52.5°	3257.9	3061.9	2865.8	2669.7	2473.7	2515.0	2556.1	2597.4	2638.4	2764.3	2889.9
55°	3426.3	3233.6	3041.0	2848.1	2655.4	2709.8	2764.3	2818.9	2873.3	3007.0	3140.3
57.5°	3675.8	3484.6	3293.6	3102.4	2911.5	2965.7	3019.8	3074.0	3128.2	3248.9	3369.4
60°	3989.9	3793.6	3597.6	3401.3	3205.2	3225.6	3245.8	3266.2	3286.6	3416.3	3545.8
62.5°	4234.6	4054.1	3873.8	3693.3	3513.0	3490.4	3468.1	3445.5	3423.1	3521.8	3620.2
65°	4291.4	4164.4	4037.5	3910.5	3783.4	3713.9	3644.7	3575.2	3505.7	3545.6	3585.4
67.5°	4128.6	4042.9	3957.4	3871.6	3785.9	3640.8	3495.8	3350.5	3205.4	3184.3	3163.2
70°	3750.9	3704.0	3657.3	3610.4	3563.8	3340.3	3117.0	2893.5	2670.2	2616.5	2562.9
72.5°	2959.8	2989.0	3018.1	3047.5	3076.7	2837.4	2598.3	2359.0	2119.7	2051.7	1983.9
75°	2087.2	2186.0	2284.9	2383.8	2482.7	2264.5	2046.6	1828.4	1610.3	1544.9	1479.8
77.5°	1131.6	1317.0	1502.4	1687.8	1873.1	1693.1	1513.3	1333.3	1153.3	1107.8	1062.7
80°	536.4	643.3	750.0	856.9	963.8	923.2	882.6	841.8	801.2	811.2	821.2
82.5°	164.5	241.7	319.0	396.2	473.5	479.6	485.4	491.5	497.6	512.6	527.4
85°	55.1	75.6	96.0	116.4	136.8	172.7	208.7	244.9	280.8	257.5	234.4
87.5°	0.0	0.7	1.2	1.9	2.4	7.5	12.6	17.7	22.8	19.7	16.8
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



REPORT NUMBER: P596223  
 CATALOG NUMBER: MSA-SA2A-722-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: P596223

CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6
2.5°	646.5	657.2	657.4	657.9	658.1	658.4	659.6	660.8	662.3	663.5	655.5
5°	878.7	886.5	872.2	857.8	843.3	828.9	841.8	854.7	867.6	880.4	874.9
7.5°	989.8	984.9	983.2	981.8	980.1	978.6	983.5	988.3	993.2	998.0	997.5
10°	1078.7	1100.8	1106.1	1111.5	1117.1	1122.4	1111.2	1100.1	1088.9	1077.7	1073.1
12.5°	1159.6	1181.9	1199.7	1217.4	1235.4	1253.1	1237.1	1221.3	1205.3	1189.5	1174.4
15°	1150.4	1165.7	1180.2	1194.8	1209.4	1224.0	1218.6	1213.5	1208.2	1202.8	1200.4
17.5°	1172.5	1181.7	1178.3	1174.9	1171.2	1167.8	1166.1	1164.7	1163.0	1161.3	1155.5
20°	1136.5	1145.3	1143.1	1141.1	1138.9	1136.8	1135.3	1133.8	1132.4	1130.9	1126.3
22.5°	1104.9	1091.1	1087.4	1084.0	1080.4	1077.0	1077.5	1078.0	1078.2	1078.7	1099.6
25°	1141.9	1107.6	1094.2	1080.9	1067.3	1053.9	1060.0	1065.8	1071.9	1078.0	1108.1
27.5°	1148.7	1097.2	1075.8	1054.4	1033.0	1011.6	1033.5	1055.4	1077.2	1099.1	1147.9
30°	1200.2	1148.9	1119.0	1089.4	1059.5	1029.9	1057.8	1085.7	1113.7	1141.6	1194.6
32.5°	1244.4	1208.4	1187.0	1165.7	1144.3	1122.9	1124.1	1125.1	1126.3	1127.5	1202.1
35°	1280.8	1227.6	1208.2	1189.0	1169.5	1150.4	1179.3	1208.2	1237.1	1266.0	1333.1
37.5°	1436.8	1401.1	1365.4	1329.9	1294.2	1258.7	1281.8	1304.9	1328.2	1351.3	1425.4
40°	1546.8	1488.5	1479.3	1470.3	1461.1	1452.1	1464.0	1475.7	1487.6	1499.5	1564.3
42.5°	1774.5	1735.4	1710.4	1685.6	1660.5	1635.8	1645.2	1654.7	1664.4	1673.9	1735.4
45°	2043.7	2016.7	2000.2	1983.7	1966.9	1950.4	1936.0	1922.0	1907.6	1893.5	1956.0
47.5°	2301.4	2314.3	2350.8	2387.0	2423.4	2459.6	2430.0	2400.3	2370.4	2340.8	2341.0
50°	2687.0	2778.1	2796.6	2814.8	2833.3	2851.5	2788.3	2725.1	2661.7	2598.6	2591.0
52.5°	3015.7	3141.3	3147.9	3154.4	3161.2	3167.8	3142.3	3116.8	3091.0	3065.5	2997.7
55°	3274.0	3407.3	3416.3	3425.1	3434.1	3442.8	3420.5	3398.3	3376.0	3353.6	3285.1
57.5°	3490.2	3610.7	3616.0	3621.1	3626.5	3631.8	3633.5	3635.2	3637.2	3638.9	3546.3
60°	3675.6	3805.3	3794.6	3784.1	3773.5	3763.0	3747.0	3730.9	3714.9	3698.9	3639.1
62.5°	3718.8	3817.4	3800.9	3784.6	3768.1	3751.8	3738.2	3724.9	3711.3	3697.7	3659.5
65°	3625.3	3665.1	3648.1	3631.1	3613.8	3596.8	3588.1	3579.6	3570.8	3562.1	3557.2
67.5°	3141.8	3120.7	3140.8	3161.0	3181.2	3201.3	3228.8	3256.2	3283.9	3311.4	3295.3
70°	2508.9	2455.2	2477.6	2499.7	2522.0	2544.1	2585.7	2627.2	2669.0	2710.6	2699.4
72.5°	1915.9	1847.9	1851.0	1854.2	1857.6	1860.7	1859.5	1858.5	1857.3	1856.1	1875.6
75°	1414.4	1349.1	1318.2	1287.4	1256.5	1225.7	1218.1	1210.6	1203.1	1195.5	1231.7
77.5°	1017.2	972.0	950.9	930.0	908.9	888.0	898.7	909.4	920.3	931.0	943.6
80°	831.4	841.3	825.0	809.0	792.7	776.5	788.6	800.5	812.7	824.8	787.1
82.5°	542.5	557.3	507.3	457.2	407.2	357.1	387.5	417.9	448.5	478.8	463.3
85°	211.1	188.0	160.3	132.9	105.2	77.5	100.8	124.1	147.5	170.8	186.3
87.5°	13.6	10.7	8.5	6.3	3.9	1.7	3.6	5.6	7.8	9.7	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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-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: P596223

CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6	513.6
2.5°	647.7	639.7	631.9	616.6	601.3	586.0	570.7	592.1	613.4	634.8	656.2
5°	869.5	863.9	858.6	860.0	861.5	863.2	864.7	867.8	871.0	873.9	877.0
7.5°	997.3	996.8	996.3	985.2	974.0	962.6	951.4	957.0	962.6	968.1	973.7
10°	1068.7	1064.1	1059.5	1035.0	1010.4	985.6	961.1	950.4	939.5	928.8	918.1
12.5°	1159.3	1144.0	1129.0	1102.7	1076.7	1050.5	1024.3	1014.5	1004.6	994.9	984.9
15°	1198.2	1195.8	1193.6	1174.9	1155.9	1137.2	1118.3	1085.0	1051.5	1018.2	984.9
17.5°	1149.6	1143.6	1137.7	1167.4	1196.8	1226.4	1256.0	1221.5	1187.0	1152.5	1118.0
20°	1121.7	1117.1	1112.5	1167.6	1222.5	1277.7	1332.6	1317.3	1301.7	1286.4	1271.1
22.5°	1120.5	1141.6	1162.5	1210.9	1259.0	1307.3	1355.4	1381.9	1408.6	1435.1	1461.6
25°	1138.2	1168.6	1198.7	1278.9	1359.0	1439.5	1519.6	1550.0	1580.1	1610.5	1640.6
27.5°	1196.5	1245.3	1293.9	1363.9	1433.9	1504.1	1574.1	1640.4	1706.9	1773.3	1839.6
30°	1247.3	1300.3	1353.2	1436.5	1519.6	1603.0	1686.1	1769.1	1852.2	1935.3	2018.4
32.5°	1276.7	1351.5	1426.1	1527.4	1628.5	1729.8	1831.1	1922.2	2013.3	2104.2	2195.3
35°	1400.1	1467.4	1534.5	1646.5	1758.5	1870.7	1982.7	2095.4	2208.1	2320.6	2433.4
37.5°	1499.5	1573.8	1647.9	1770.4	1892.6	2015.0	2137.5	2293.2	2449.2	2604.9	2760.6
40°	1629.2	1694.1	1758.9	1873.6	1988.0	2102.7	2217.4	2414.9	2612.4	2809.7	3007.2
42.5°	1796.6	1858.1	1919.5	2042.2	2164.9	2287.6	2410.3	2628.9	2847.6	3066.0	3284.6
45°	2018.4	2081.1	2143.5	2241.2	2338.9	2436.5	2534.2	2766.7	2998.9	3231.4	3463.7
47.5°	2341.3	2341.5	2341.8	2412.2	2482.7	2553.4	2623.8	2858.0	3092.0	3326.2	3560.2
50°	2583.5	2575.7	2568.2	2604.6	2640.8	2677.3	2713.7	2929.2	3145.0	3360.4	3575.9
52.5°	2930.2	2862.4	2794.9	2816.5	2837.9	2859.5	2880.9	3063.3	3246.0	3428.5	3610.9
55°	3216.9	3148.4	3079.8	3071.8	3063.8	3055.8	3047.8	3215.7	3383.5	3551.4	3719.3
57.5°	3454.0	3361.4	3269.1	3250.6	3232.4	3214.0	3195.5	3372.6	3549.5	3726.6	3903.4
60°	3579.6	3519.8	3460.1	3448.2	3436.0	3424.1	3412.0	3557.2	3702.5	3847.8	3993.1
62.5°	3621.6	3583.5	3545.6	3567.9	3590.3	3612.9	3635.2	3699.1	3762.8	3826.7	3890.3
65°	3552.6	3547.8	3542.9	3588.8	3634.5	3680.4	3726.3	3710.5	3694.5	3678.7	3662.9
67.5°	3279.5	3263.5	3247.7	3348.5	3449.1	3549.9	3650.8	3574.2	3497.5	3420.9	3344.4
70°	2688.2	2676.8	2665.6	2810.9	2956.2	3101.7	3247.0	3154.2	3061.4	2968.6	2875.8
72.5°	1894.7	1914.2	1933.6	2104.9	2275.9	2447.2	2618.2	2524.7	2431.2	2337.6	2244.1
75°	1267.7	1303.9	1340.1	1516.5	1692.9	1869.5	2045.9	1936.0	1826.2	1716.4	1606.6
77.5°	956.2	968.9	981.5	1093.0	1204.5	1316.3	1427.8	1337.2	1246.3	1155.7	1064.8
80°	749.5	711.6	673.9	710.6	747.3	784.0	820.7	766.5	712.3	658.4	604.2
82.5°	447.8	432.2	416.7	436.6	456.3	476.2	496.1	472.8	449.2	425.9	402.3
85°	201.6	217.2	232.5	252.7	272.6	292.8	312.9	280.4	247.8	215.3	182.7
87.5°	22.6	29.2	35.7	44.2	52.7	61.2	69.7	54.4	38.9	23.6	8.3
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: P596223  
 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**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





REPORT NUMBER: P596223  
 CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	513.6	513.6
2.5°	668.6	681.0
5°	876.8	876.3
7.5°	959.2	944.3
10°	904.5	890.9
12.5°	950.2	915.4
15°	958.7	932.4
17.5°	1075.3	1032.3
20°	1216.0	1160.6
22.5°	1385.8	1309.7
25°	1550.2	1459.9
27.5°	1785.4	1731.0
30°	1963.5	1908.4
32.5°	2157.9	2120.4
35°	2396.2	2358.8
37.5°	2770.3	2779.8
40°	3013.0	3018.9
42.5°	3307.2	3329.8
45°	3489.0	3514.2
47.5°	3595.4	3630.6
50°	3632.8	3689.6
52.5°	3681.1	3751.1
55°	3797.3	3875.3
57.5°	3965.6	4027.8
60°	3996.0	3998.9
62.5°	3845.4	3800.4
65°	3615.1	3567.2
67.5°	3315.5	3286.4
70°	2837.4	2799.0
72.5°	2172.7	2101.3
75°	1518.2	1429.7
77.5°	1018.4	972.0
80°	605.7	606.9
82.5°	413.5	424.4
85°	180.5	178.1
87.5°	5.8	3.2
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



REPORT NUMBER: P596223  
CATALOG NUMBER: MSA-SA2A-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

(END OF REPORT)