

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: P596245

Luminaire Tested: **MSA-SA2B-722-U-SLR-HSS**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P596245  
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-SA2B-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: 5342 lumens  
Efficiency: N/A  
Efficacy: 62.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2

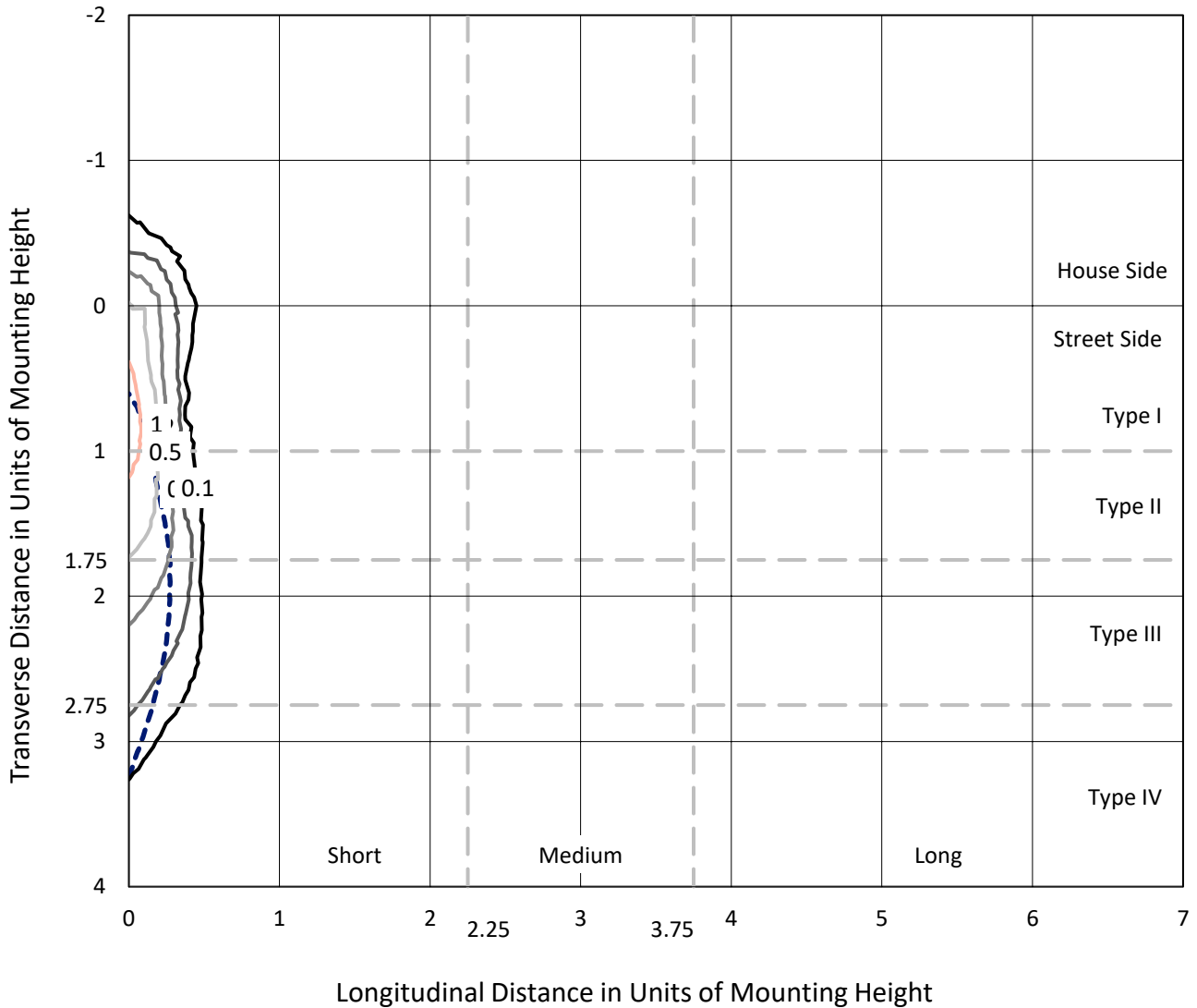
Input Watts (W): 85  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

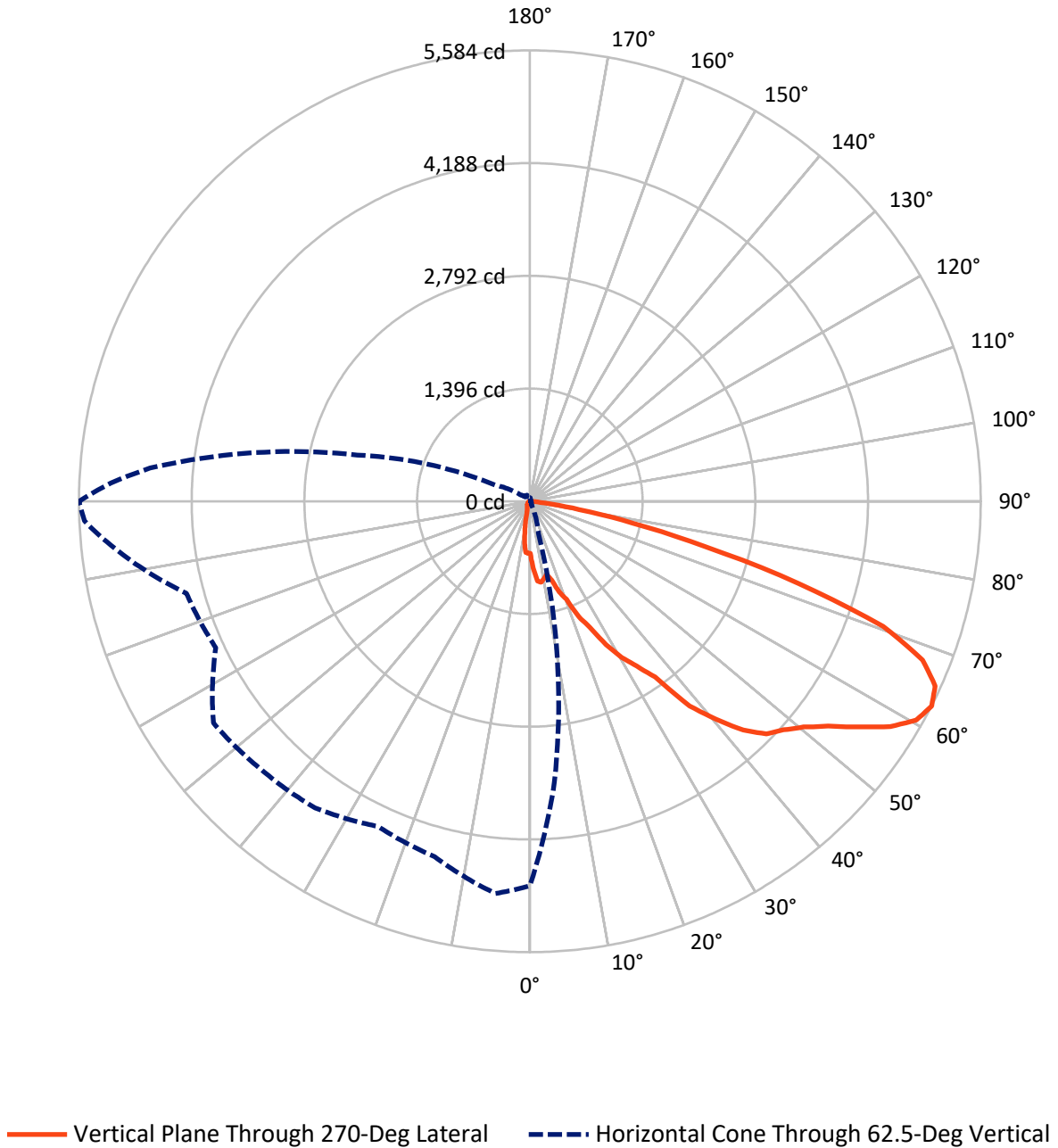
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.7 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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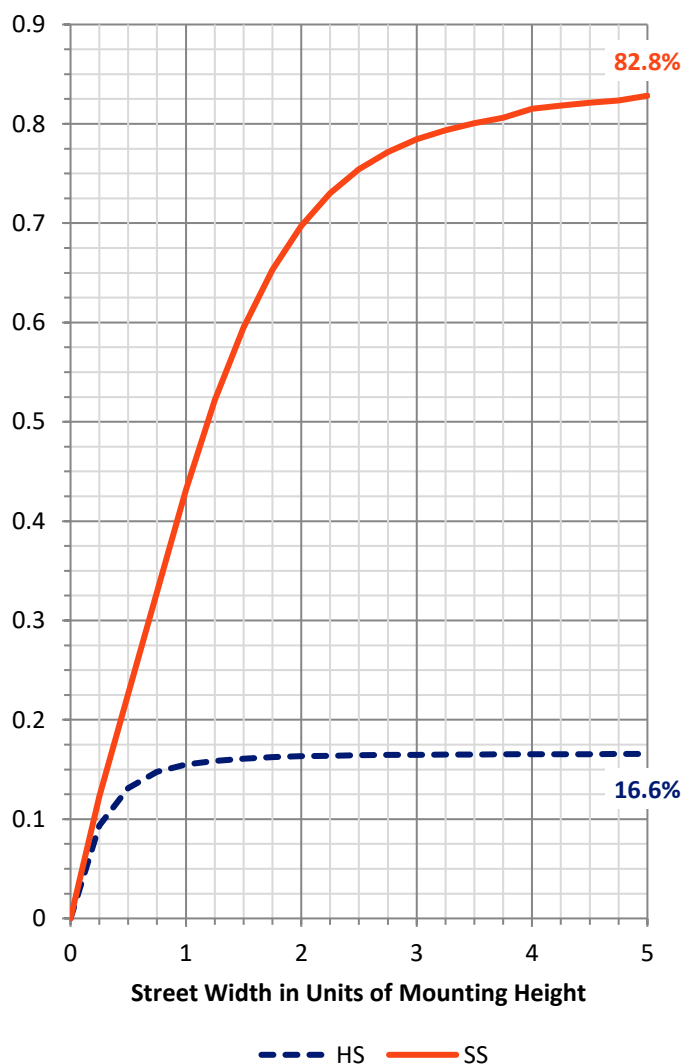
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	892.0	0.0	892.0
	% Fixture	16.7	0.0	16.7
<b>Street Side</b>	Lumens	4450.0	0.0	4450.0
	% Fixture	83.3	0.0	83.3
<b>Total</b>	Lumens	5342.0	0.0	5342.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	71.9	1.3
10°-20°	187.9	3.5
20°-30°	303.7	5.7
30°-40°	508.6	9.5
40°-50°	831.5	15.6
50°-60°	1230.8	23.0
60°-70°	1413.0	26.5
70°-80°	698.6	13.1
80°-90°	96.0	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°	5342.0	100.0
0°-180°	5342.0	100.0

**Coefficient of Utilization**

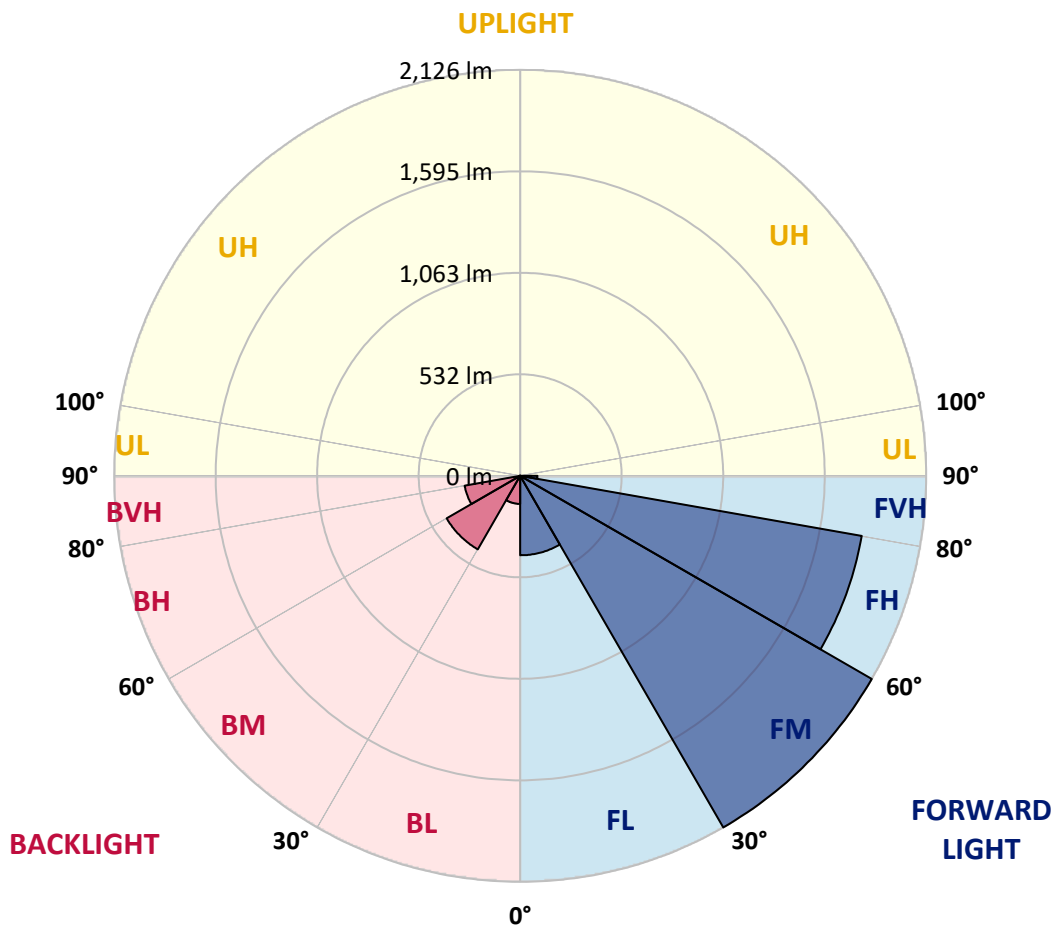


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	416.2	7.8			
FM (30°-60°)	2126.4	39.8			
FH (60°-80°)	1816.5	34.0			G2/5000
FVH (80°-90°)	90.9	1.7			G1/100
BL (0°-30°)	147.3	2.8	B1/500		
BM (30°-60°)	444.5	8.3	B1/1000		
BH (60°-80°)	295.1	5.5	B1/500		G1/500
BVH (80°-90°)	5.1	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-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°	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7
2.5°	853.5	864.2	874.6	854.8	835.0	815.2	795.4	777.7	760.1	742.1	724.4
5°	1098.4	1078.9	1059.4	1032.6	1005.8	979.0	952.2	939.7	927.2	914.8	902.3
7.5°	1183.6	1148.9	1113.9	1090.1	1066.7	1042.9	1019.2	981.7	944.0	906.5	868.8
10°	1116.6	1079.8	1042.6	1021.9	1001.2	980.5	959.8	913.2	866.3	819.7	772.8
12.5°	1147.4	1107.5	1067.6	1025.0	982.4	939.7	897.1	861.5	825.5	789.9	754.0
15°	1168.7	1123.0	1077.1	1028.3	979.6	930.9	882.2	840.1	798.4	756.4	714.4
17.5°	1293.9	1228.4	1162.9	1088.0	1013.1	938.2	863.3	814.6	766.1	717.4	668.7
20°	1454.6	1361.8	1268.6	1167.2	1065.8	964.4	863.0	802.4	741.8	681.2	620.6
22.5°	1641.6	1525.6	1409.3	1284.1	1159.3	1034.1	909.0	821.9	734.8	647.7	560.6
25°	1829.8	1725.1	1620.3	1451.9	1283.5	1114.8	946.4	835.9	725.0	614.5	503.7
27.5°	2169.6	1982.4	1795.1	1580.7	1366.6	1152.3	937.9	811.2	684.5	557.6	430.9
30°	2391.9	2247.9	2103.6	1820.4	1537.5	1254.3	971.1	810.6	650.1	489.3	328.9
32.5°	2657.8	2447.0	2236.0	1928.8	1621.5	1314.3	1007.0	818.5	629.7	441.2	252.4
35°	2956.5	2727.2	2497.9	2108.7	1719.6	1330.1	940.9	758.2	575.5	392.8	210.1
37.5°	3484.2	3100.5	2716.8	2263.1	1809.1	1355.4	901.4	719.0	536.2	353.8	171.1
40°	3783.9	3417.5	3051.2	2484.2	1917.2	1350.2	783.2	621.2	459.5	297.5	135.5
42.5°	4173.6	3708.9	3244.0	2610.3	1976.6	1342.9	709.2	559.4	409.6	259.4	109.6
45°	4404.8	3878.3	3351.8	2665.1	1978.4	1291.7	605.1	475.3	345.6	215.9	86.2
47.5°	4550.6	4022.6	3494.6	2757.3	2020.4	1283.2	546.0	426.6	307.3	187.9	68.5
50°	4624.6	4095.1	3565.2	2807.6	2050.0	1292.0	534.4	415.7	296.6	177.8	58.8
52.5°	4701.6	4191.0	3680.0	2894.7	2109.3	1324.0	538.7	417.5	296.6	175.4	54.2
55°	4857.3	4353.6	3849.6	3019.5	2189.4	1359.3	529.2	409.9	290.5	170.8	51.5
57.5°	5048.5	4510.1	3971.4	3110.9	2250.3	1389.8	529.2	409.3	289.3	169.0	49.0
60°	5012.2	4427.9	3843.2	3008.3	2173.3	1338.0	503.1	388.9	275.0	160.8	46.6
62.5°	4763.5	4129.2	3494.6	2722.9	1951.0	1179.4	407.4	316.4	225.3	134.0	42.9
65°	4471.1	3797.9	3124.3	2414.2	1703.7	993.6	283.2	222.3	161.1	100.2	39.0
67.5°	4119.1	3401.1	2683.0	2051.5	1420.2	788.7	157.1	126.7	96.2	65.5	35.0
70°	3508.3	2767.1	2025.6	1540.2	1055.1	569.7	84.3	71.3	58.2	45.1	32.0
72.5°	2633.7	1954.7	1275.6	969.0	662.6	356.0	49.3	44.5	39.3	34.4	29.2
75°	1792.0	1283.2	774.4	589.5	405.0	220.2	35.3	32.9	30.1	27.7	25.0
77.5°	1218.3	881.3	544.2	415.4	286.5	157.7	28.9	27.4	25.9	24.1	22.5
80°	760.7	520.7	280.8	216.2	151.3	86.8	21.9	21.0	20.1	18.9	18.0
82.5°	532.0	318.2	104.4	81.6	58.8	35.6	12.8	13.1	13.4	13.4	13.7
85°	223.2	120.6	18.0	15.2	12.5	9.7	7.0	7.6	8.5	9.1	9.7
87.5°	4.0	2.1	0.0	0.6	1.5	2.1	2.7	3.7	4.3	5.2	5.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7
2.5°	729.0	733.6	737.8	742.4	738.7	735.4	731.7	728.1	722.6	717.4	711.9
5°	887.0	871.8	856.6	841.4	818.2	795.1	771.6	748.5	745.7	743.0	740.0
7.5°	833.1	797.5	761.6	726.0	692.5	659.0	625.5	592.0	581.6	571.6	561.2
10°	745.4	718.0	690.3	662.9	638.9	614.5	590.4	566.1	540.8	515.5	490.0
12.5°	725.3	696.7	667.8	639.2	617.2	595.3	573.4	551.5	523.1	494.8	466.5
15°	683.3	652.3	621.2	590.1	560.9	531.7	502.1	472.9	438.8	404.7	370.6
17.5°	631.9	595.3	558.5	521.6	483.3	444.9	406.5	368.2	328.9	289.9	250.6
20°	570.7	520.7	470.5	420.5	373.0	325.5	277.7	230.2	205.5	181.2	156.5
22.5°	496.0	431.2	366.6	301.8	262.8	223.5	184.5	145.3	134.6	123.9	113.3
25°	430.3	356.9	283.5	210.1	185.4	160.8	136.1	111.5	106.6	101.4	96.5
27.5°	361.8	292.9	223.8	154.7	140.7	126.4	112.4	98.1	94.7	91.7	88.3
30°	277.4	225.9	174.2	122.7	113.6	104.4	95.0	85.9	84.3	82.5	81.0
32.5°	215.0	177.2	139.8	102.0	96.8	91.7	86.5	81.3	78.9	76.4	73.7
35°	179.7	149.5	119.1	88.6	85.0	81.0	77.3	73.4	71.0	68.2	65.8
37.5°	148.9	127.0	104.8	82.5	78.6	74.6	70.3	66.4	64.6	62.7	60.9
40°	122.7	109.9	97.1	84.3	78.6	72.8	67.0	61.2	59.7	58.2	56.6
42.5°	101.4	93.2	84.7	76.4	72.2	68.2	63.9	59.7	57.6	55.1	53.0
45°	81.9	77.3	73.1	68.5	68.8	69.1	69.1	69.4	63.9	58.2	52.7
47.5°	66.4	64.3	61.8	59.7	62.1	64.6	66.7	69.1	63.3	57.6	51.5
50°	56.9	55.4	53.6	51.8	54.2	56.9	59.4	61.8	59.4	57.2	54.8
52.5°	52.1	49.9	47.8	45.7	46.6	47.8	48.7	49.6	49.6	49.6	49.6
55°	49.0	46.9	44.5	42.0	41.1	39.9	39.0	37.8	36.2	35.0	33.5
57.5°	46.6	44.2	41.4	39.0	37.5	35.6	34.1	32.3	30.8	28.9	27.4
60°	44.2	41.7	39.0	36.5	35.0	33.5	31.7	30.1	28.3	26.8	25.0
62.5°	40.8	38.7	36.5	34.4	32.9	31.7	30.1	28.6	26.8	25.0	22.8
65°	37.2	35.6	33.8	32.0	30.5	28.9	27.4	25.9	24.1	22.5	20.7
67.5°	33.8	32.3	31.1	29.5	27.7	26.2	24.4	22.5	21.3	20.1	18.6
70°	31.1	29.8	28.9	27.7	25.9	24.4	22.5	20.7	19.8	18.6	17.7
72.5°	28.3	27.4	26.2	25.3	23.8	22.2	20.7	19.2	18.3	17.4	16.4
75°	24.4	23.8	23.1	22.5	21.0	19.5	17.7	16.1	15.8	15.5	15.2
77.5°	21.9	21.6	21.0	20.4	18.9	17.4	15.8	14.3	14.6	14.9	14.9
80°	18.0	18.0	17.7	17.7	16.4	15.2	13.7	12.5	13.1	14.0	14.6
82.5°	13.7	13.7	13.7	13.7	12.5	11.3	10.0	8.8	9.7	10.4	11.3
85°	9.4	9.1	8.8	8.5	7.6	7.0	6.1	5.2	6.4	7.3	8.5
87.5°	5.8	6.1	6.1	6.1	5.5	4.6	4.0	3.0	3.7	4.0	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



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 CATALOG NUMBER: MSA-SA2B-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: P596245  
 CATALOG NUMBER: MSA-SA2B-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7
2.5°	706.5	697.3	688.2	678.8	669.6	648.3	627.0	605.7	584.4	600.2	615.7
5°	737.2	719.6	701.6	683.9	666.0	658.0	650.4	642.5	634.6	635.8	637.3
7.5°	550.9	539.3	527.7	515.8	504.3	501.8	499.7	497.3	494.8	500.0	504.9
10°	464.7	448.5	432.1	416.0	399.5	390.7	381.9	373.0	364.2	363.3	362.1
12.5°	438.2	413.5	389.2	364.5	339.8	320.6	301.5	282.3	263.1	264.6	266.1
15°	336.5	311.8	287.5	262.8	238.1	222.6	206.8	191.2	175.4	170.8	166.3
17.5°	211.3	193.1	174.8	156.2	137.9	132.8	127.9	122.7	117.5	116.0	114.5
20°	131.9	123.9	116.0	107.8	99.9	98.7	97.4	96.2	95.0	95.9	96.8
22.5°	102.6	99.3	95.6	92.3	88.6	87.4	86.2	85.0	83.7	84.7	85.3
25°	91.4	88.9	86.5	84.0	81.6	80.4	78.9	77.7	76.1	76.7	77.7
27.5°	85.0	82.8	80.7	78.6	76.4	74.3	72.5	70.3	68.2	69.4	70.3
30°	79.2	76.7	74.6	72.2	69.7	67.6	65.5	63.0	60.9	62.1	63.3
32.5°	71.3	69.1	66.7	64.6	62.1	60.9	59.7	58.2	56.9	57.9	58.5
35°	63.0	61.2	59.7	57.9	56.0	54.8	53.9	52.7	51.5	51.8	52.4
37.5°	59.1	56.9	54.8	52.7	50.5	49.9	49.3	48.4	47.8	47.8	47.8
40°	55.1	53.0	50.9	48.4	46.3	45.4	44.5	43.5	42.6	42.6	42.6
42.5°	50.5	48.4	46.3	44.2	42.0	41.1	39.9	39.0	37.8	37.8	37.8
45°	46.9	44.8	42.9	40.8	38.7	37.2	35.6	33.8	32.3	32.0	31.7
47.5°	45.7	42.6	39.6	36.5	33.5	32.0	30.5	28.6	27.1	26.8	26.5
50°	52.4	46.3	40.2	34.1	28.0	26.8	25.6	24.4	23.1	22.5	22.2
52.5°	49.6	43.2	36.8	30.5	24.1	23.1	22.2	21.3	20.4	19.8	19.2
55°	32.0	29.2	26.8	24.1	21.3	20.7	20.1	19.2	18.6	18.0	17.4
57.5°	25.6	24.1	22.8	21.3	19.8	19.2	18.6	17.7	17.1	16.1	15.5
60°	23.1	21.9	20.7	19.5	18.3	17.7	17.1	16.4	15.8	14.9	14.3
62.5°	21.0	20.1	19.2	18.3	17.4	16.7	16.1	15.5	14.9	14.0	13.1
65°	18.9	18.3	17.7	17.1	16.4	15.8	15.2	14.3	13.7	12.8	11.9
67.5°	17.4	17.1	16.7	16.4	16.1	15.5	14.6	14.0	13.1	12.2	11.0
70°	16.4	16.4	16.4	16.1	16.1	15.5	14.6	14.0	13.1	11.9	11.0
72.5°	15.5	15.8	16.1	16.1	16.4	15.5	14.6	13.7	12.8	11.6	10.7
75°	14.9	15.2	15.5	15.5	15.8	15.2	14.6	13.7	13.1	11.9	10.7
77.5°	15.2	15.5	15.5	15.8	15.8	15.2	14.6	13.7	13.1	11.6	10.0
80°	15.2	14.9	14.6	14.0	13.7	12.5	11.3	9.7	8.5	6.7	5.2
82.5°	11.9	11.3	11.0	10.4	9.7	8.5	7.3	6.1	4.9	3.7	2.4
85°	9.4	8.8	8.5	7.9	7.3	6.4	5.2	4.3	3.0	2.4	1.5
87.5°	4.9	4.6	4.0	3.7	3.0	2.4	1.5	0.9	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: P596245  
 CATALOG NUMBER: MSA-SA2B-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: P596245  
 CATALOG NUMBER: MSA-SA2B-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°	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7
2.5°	631.6	647.1	645.0	642.8	652.9	662.9	655.6	648.6	641.3	634.0	618.8
5°	638.6	639.8	637.6	635.2	635.5	635.8	630.9	626.1	621.2	616.3	615.4
7.5°	510.1	514.9	521.6	528.0	528.3	528.3	524.7	521.0	517.1	513.4	515.2
10°	361.1	359.9	361.8	363.6	363.3	362.7	372.4	382.2	391.6	401.3	394.3
12.5°	267.4	268.9	261.3	253.7	256.4	258.8	260.4	261.9	263.4	264.9	269.2
15°	161.7	157.1	151.6	146.2	148.9	151.3	154.1	156.5	159.3	161.7	164.4
17.5°	112.7	111.1	108.7	106.0	106.3	106.6	106.9	107.2	107.2	107.5	108.1
20°	97.7	98.7	96.8	94.7	94.1	93.2	92.6	92.0	91.0	90.4	89.5
22.5°	86.2	86.8	87.1	87.1	85.9	84.3	83.1	82.2	81.0	79.8	79.2
25°	78.3	78.9	78.3	77.3	76.7	76.1	75.5	74.6	74.0	73.1	72.8
27.5°	71.6	72.5	72.5	72.2	71.6	70.6	69.1	67.9	66.4	64.9	65.2
30°	64.6	65.8	65.8	65.5	65.2	64.9	63.3	61.8	60.3	58.8	59.4
32.5°	59.4	60.0	59.7	59.4	59.4	59.1	57.9	56.9	55.7	54.5	54.5
35°	52.7	53.0	53.0	53.0	53.0	52.7	51.8	50.9	49.9	49.0	49.3
37.5°	47.8	47.8	48.7	49.3	48.7	48.1	47.5	46.6	46.0	45.1	45.1
40°	42.3	42.3	43.2	43.8	43.2	42.6	42.3	41.7	41.4	40.8	40.8
42.5°	37.5	37.5	38.4	39.0	39.0	38.7	38.1	37.5	36.8	36.2	36.5
45°	31.4	31.1	32.6	33.8	33.2	32.6	32.6	32.3	32.3	32.0	32.3
47.5°	25.9	25.6	26.8	28.0	27.7	27.1	27.1	27.1	27.1	27.1	27.4
50°	21.6	21.0	22.2	23.1	22.8	22.2	22.2	22.5	22.5	22.5	22.8
52.5°	18.6	18.0	18.9	19.5	19.2	18.9	18.9	19.2	19.2	19.2	19.5
55°	16.4	15.8	16.7	17.4	17.1	16.4	16.7	16.7	17.1	17.1	17.1
57.5°	14.6	13.7	14.3	14.9	14.9	14.6	14.9	14.9	15.2	15.2	15.2
60°	13.4	12.5	13.1	13.4	13.4	13.1	13.4	13.4	13.7	13.7	13.7
62.5°	11.9	11.0	11.6	11.9	11.9	11.6	11.9	11.9	12.2	12.2	12.2
65°	10.7	9.7	10.0	10.4	10.4	10.4	10.7	10.7	11.0	11.0	11.0
67.5°	10.0	8.8	9.1	9.4	9.4	9.4	9.7	9.7	10.0	10.0	10.4
70°	9.7	8.5	8.8	8.8	9.1	9.1	9.1	9.4	9.4	9.4	9.4
72.5°	9.4	8.2	8.2	8.2	8.5	8.5	8.5	8.8	8.8	8.8	8.8
75°	9.4	8.2	7.9	7.6	7.9	7.9	7.9	8.2	8.2	8.2	8.2
77.5°	8.2	6.7	6.1	5.2	6.1	6.7	7.0	7.0	7.3	7.3	7.3
80°	3.3	1.5	0.9	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1
82.5°	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.9	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: P596245  
 CATALOG NUMBER: MSA-SA2B-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: P596245  
 CATALOG NUMBER: MSA-SA2B-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7
2.5°	603.5	588.3	573.1	580.4	587.7	595.0	602.3	601.7	600.8	600.2	599.3
5°	614.8	613.9	613.0	608.7	604.8	600.5	596.2	595.3	594.1	593.2	592.0
7.5°	517.1	518.6	520.4	515.5	510.7	505.8	500.9	488.4	476.0	463.2	450.7
10°	387.3	380.0	373.0	372.4	371.8	371.2	370.6	369.4	368.2	366.6	365.4
12.5°	273.8	278.0	282.3	280.8	279.2	277.4	275.9	278.0	280.5	282.6	284.7
15°	166.9	169.6	172.0	177.5	183.0	188.5	194.0	196.1	198.5	200.7	202.8
17.5°	108.7	109.0	109.6	115.7	121.5	127.6	133.4	137.3	141.3	144.9	148.9
20°	88.6	87.7	86.8	90.1	93.5	96.8	100.2	103.8	107.5	111.1	114.8
22.5°	78.9	78.3	77.7	78.9	80.1	81.0	82.2	85.0	88.0	90.7	93.5
25°	72.5	71.9	71.6	72.2	72.8	73.4	74.0	75.5	77.0	78.6	80.1
27.5°	65.2	65.5	65.5	66.1	66.4	67.0	67.3	67.9	68.8	69.4	70.0
30°	59.7	60.3	60.6	61.2	61.5	62.1	62.4	62.1	61.8	61.5	61.2
32.5°	54.5	54.2	54.2	54.8	55.1	55.7	56.0	56.6	57.2	57.6	58.2
35°	49.3	49.6	49.6	49.6	49.9	49.9	49.9	50.5	51.5	52.1	52.7
37.5°	44.8	44.8	44.5	45.4	46.0	46.9	47.5	48.1	49.0	49.6	50.2
40°	40.8	40.8	40.8	41.4	42.0	42.3	42.9	44.5	46.0	47.5	49.0
42.5°	36.5	36.8	36.8	37.5	38.1	38.4	39.0	40.2	41.1	42.3	43.2
45°	32.6	32.9	33.2	33.8	34.1	34.7	35.0	35.6	35.9	36.5	36.8
47.5°	28.0	28.3	28.6	29.2	29.5	30.1	30.5	30.1	30.1	29.8	29.5
50°	23.4	23.8	24.1	25.0	25.6	26.5	27.1	26.5	25.9	25.0	24.4
52.5°	19.8	19.8	20.1	20.7	21.3	21.6	22.2	21.9	21.6	21.3	21.0
55°	17.1	17.1	17.1	17.4	17.7	18.0	18.3	18.6	18.6	18.9	18.9
57.5°	15.2	14.9	14.9	15.2	15.5	15.5	15.8	16.1	16.1	16.4	16.4
60°	13.7	13.4	13.4	13.7	14.0	14.3	14.6	14.6	14.6	14.3	14.3
62.5°	12.2	12.2	12.2	12.5	12.5	12.8	12.8	12.8	13.1	13.1	13.1
65°	11.3	11.3	11.3	11.3	11.3	11.0	11.0	11.3	11.3	11.6	11.6
67.5°	10.4	10.7	10.7	10.4	10.0	9.7	9.4	9.7	9.7	10.0	10.0
70°	9.4	9.4	9.4	9.1	8.8	8.5	8.2	8.2	8.2	7.9	7.9
72.5°	8.8	8.5	8.5	8.2	7.6	7.3	6.7	6.4	6.4	6.1	5.8
75°	8.2	7.9	7.9	7.3	6.7	6.1	5.5	5.2	4.6	4.3	3.7
77.5°	7.3	7.3	7.3	6.4	5.8	4.9	4.0	3.3	2.7	1.8	1.2
80°	2.4	2.7	3.0	2.7	2.7	2.4	2.1	1.5	1.2	0.6	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: P596245  
 CATALOG NUMBER: MSA-SA2B-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: P596245  
 CATALOG NUMBER: MSA-SA2B-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°	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7
2.5°	602.6	606.0	609.3	612.7	613.0	613.3	613.6	613.9	606.3	598.4	590.8
5°	598.1	604.5	610.5	616.6	613.3	609.9	606.6	603.2	602.9	602.9	602.6
7.5°	451.6	452.2	453.1	453.7	454.9	456.2	457.1	458.3	463.2	468.0	472.6
10°	361.5	357.5	353.2	349.3	346.2	342.9	339.8	336.5	338.9	341.7	344.1
12.5°	281.4	278.0	274.4	271.0	269.8	268.6	267.1	265.8	273.8	281.7	289.3
15°	202.2	201.6	200.7	200.1	204.0	208.0	211.9	215.9	222.6	229.0	235.7
17.5°	150.4	152.0	153.5	155.0	157.4	159.9	162.0	164.4	169.3	174.5	179.4
20°	116.6	118.8	120.6	122.4	121.8	121.2	120.3	119.7	123.6	127.6	131.2
22.5°	95.3	96.8	98.7	100.2	100.5	100.8	101.1	101.4	103.8	106.0	108.4
25°	81.6	83.4	85.0	86.5	86.8	87.1	87.4	87.7	90.7	93.8	96.5
27.5°	72.2	74.0	76.1	78.0	78.6	79.2	79.8	80.4	82.2	83.7	85.6
30°	63.6	66.1	68.5	71.0	71.9	72.8	73.7	74.6	76.4	78.6	80.4
32.5°	59.4	60.9	62.1	63.3	65.5	67.3	69.4	71.3	73.4	75.8	78.0
35°	54.5	56.0	57.9	59.4	60.9	62.4	63.6	65.2	66.4	67.6	68.5
37.5°	51.5	53.0	54.2	55.4	56.0	56.6	56.9	57.6	58.2	58.8	59.1
40°	49.0	48.7	48.7	48.4	49.0	49.9	50.5	51.2	53.0	54.5	56.3
42.5°	42.6	41.7	41.1	40.2	41.7	42.9	44.5	45.7	48.1	50.5	53.0
45°	36.2	35.6	34.7	34.1	36.2	38.4	40.5	42.6	45.4	47.8	50.5
47.5°	29.8	30.1	30.1	30.5	32.6	34.7	36.5	38.7	41.4	44.2	46.9
50°	25.0	25.6	26.2	26.8	28.9	30.8	32.9	34.7	37.8	40.5	43.5
52.5°	21.9	22.8	23.4	24.4	26.2	28.3	30.1	32.0	34.7	37.5	40.2
55°	19.8	21.0	21.9	22.8	24.4	25.9	27.4	28.9	31.7	34.4	36.8
57.5°	17.4	18.3	19.2	20.1	21.6	23.1	24.4	25.9	28.3	31.1	33.5
60°	15.2	15.8	16.7	17.4	18.6	20.1	21.3	22.5	25.0	27.4	29.5
62.5°	13.4	14.0	14.3	14.6	15.8	17.1	18.3	19.5	21.6	24.1	26.2
65°	11.9	12.2	12.2	12.5	13.4	14.6	15.5	16.4	18.9	21.0	23.4
67.5°	10.0	10.4	10.4	10.4	11.3	12.2	13.1	14.0	16.1	18.6	20.7
70°	7.9	8.2	8.2	8.2	9.1	10.4	11.3	12.2	14.0	15.8	17.7
72.5°	6.1	6.1	6.4	6.4	7.3	8.5	9.4	10.4	11.9	13.4	14.9
75°	4.0	4.3	4.3	4.6	5.5	6.7	7.6	8.5	10.0	11.6	12.8
77.5°	1.5	2.1	2.4	2.7	3.7	4.6	5.5	6.4	7.6	9.1	10.4
80°	0.0	0.3	0.3	0.3	0.9	1.2	1.8	2.1	3.0	4.3	5.2
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: P596245  
 CATALOG NUMBER: MSA-SA2B-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: P596245  
 CATALOG NUMBER: MSA-SA2B-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7
2.5°	582.8	599.6	616.3	633.1	649.8	670.5	691.2	694.3	697.3	693.7	690.3
5°	602.3	610.5	618.5	626.7	634.6	658.4	681.8	682.1	682.1	682.4	682.4
7.5°	477.5	484.5	491.5	498.2	505.2	520.7	536.2	542.0	547.5	546.3	545.1
10°	346.5	355.7	364.5	373.6	382.5	396.8	411.1	416.6	421.7	438.5	455.5
12.5°	297.2	306.0	314.9	323.4	332.2	346.8	361.5	372.1	382.5	392.8	403.2
15°	242.1	249.1	256.4	263.4	270.4	277.1	283.8	296.9	309.7	320.0	330.4
17.5°	184.2	187.3	190.0	193.1	195.8	198.8	201.9	207.4	212.5	221.7	230.5
20°	135.2	137.6	140.1	142.2	144.6	147.7	150.7	154.7	158.3	160.5	162.3
22.5°	110.5	114.2	117.8	121.2	124.8	127.0	129.1	130.3	131.5	132.5	133.4
25°	99.6	102.9	106.0	109.3	112.4	113.3	114.2	116.6	119.1	119.1	119.1
27.5°	87.1	91.7	96.5	101.1	105.7	106.9	107.8	108.7	109.3	108.1	106.6
30°	82.2	86.8	91.4	95.6	100.2	102.0	103.5	104.4	105.4	103.8	102.3
32.5°	80.1	84.3	88.3	92.6	96.5	99.0	101.1	103.5	105.7	106.0	106.6
35°	69.7	72.5	75.5	78.3	81.0	82.2	83.4	84.3	85.0	85.0	85.0
37.5°	59.7	63.3	67.3	71.0	74.6	77.3	80.1	80.4	80.4	81.0	81.9
40°	57.9	61.5	65.2	68.5	72.2	75.2	78.0	78.3	78.6	79.2	79.8
42.5°	55.4	59.4	63.3	67.3	71.3	74.3	77.0	77.0	76.7	77.7	78.3
45°	53.0	56.9	60.6	64.6	68.2	72.2	75.8	74.9	73.7	75.2	76.4
47.5°	49.6	53.9	58.2	62.1	66.4	70.0	73.4	72.8	71.9	73.4	74.9
50°	46.3	50.5	54.8	59.1	63.3	67.3	71.0	70.3	69.7	71.6	73.1
52.5°	42.9	47.2	51.8	56.0	60.3	63.6	66.7	66.4	66.1	67.9	70.0
55°	39.6	43.5	47.8	51.8	55.7	59.4	62.7	62.1	61.5	63.0	64.6
57.5°	35.9	39.9	43.5	47.5	51.2	54.2	56.9	56.0	55.1	56.9	58.8
60°	32.0	35.6	39.3	42.6	46.3	48.7	50.9	50.2	49.3	51.2	53.0
62.5°	28.3	31.7	35.0	38.1	41.4	43.2	45.1	44.5	43.8	45.7	47.8
65°	25.6	28.3	30.8	33.5	35.9	37.8	39.6	38.7	37.8	39.9	41.7
67.5°	22.8	25.0	27.4	29.5	31.7	33.2	34.7	34.1	33.2	34.7	36.2
70°	19.5	21.6	23.8	25.6	27.7	29.2	30.8	29.8	28.6	30.1	31.7
72.5°	16.4	18.3	20.1	21.6	23.4	24.7	25.9	25.0	24.1	25.3	26.5
75°	14.3	15.8	17.4	18.6	20.1	20.7	21.3	21.0	20.4	21.6	22.5
77.5°	11.6	12.8	14.3	15.5	16.7	16.7	16.7	17.1	17.1	18.3	19.8
80°	6.1	7.3	8.5	9.4	10.7	10.7	10.4	11.0	11.3	12.8	14.3
82.5°	0.0	0.9	1.8	2.7	3.7	3.3	2.7	3.0	3.0	3.7	4.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
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: P596245  
 CATALOG NUMBER: MSA-SA2B-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: P596245  
 CATALOG NUMBER: MSA-SA2B-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°	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7
2.5°	686.7	683.0	680.6	678.5	676.0	673.6	676.6	679.7	682.4	685.5	694.6
5°	682.7	682.7	680.6	678.5	676.3	674.2	678.8	683.0	687.6	691.8	691.5
7.5°	543.6	542.3	555.1	567.6	580.4	592.9	596.2	599.6	602.6	606.0	605.1
10°	472.3	489.0	494.5	500.0	505.5	511.0	517.7	524.4	531.1	537.8	540.2
12.5°	413.5	423.9	441.5	458.9	476.6	493.9	502.7	511.9	520.7	529.5	546.9
15°	340.7	351.1	366.3	381.6	396.8	412.0	426.0	440.3	454.3	468.3	489.3
17.5°	239.7	248.5	260.1	271.6	282.9	294.5	316.1	337.7	359.3	380.9	403.2
20°	164.4	166.3	171.7	177.5	183.0	188.5	208.0	227.8	247.3	266.8	296.0
22.5°	134.0	134.9	137.6	140.4	142.8	145.6	155.6	166.0	176.0	186.1	209.8
25°	118.8	118.8	120.6	122.4	124.2	126.1	131.5	137.0	142.2	147.7	162.9
27.5°	105.4	103.8	106.6	109.3	112.1	114.8	118.8	123.0	127.0	130.9	141.3
30°	100.8	99.3	102.6	106.0	109.3	112.7	116.6	120.6	124.2	128.2	135.2
32.5°	106.9	107.2	108.4	109.6	110.5	111.8	113.6	115.7	117.5	119.4	125.5
35°	85.0	85.0	87.1	89.2	91.0	93.2	96.5	99.9	103.2	106.6	113.0
37.5°	82.5	83.1	85.0	87.1	88.9	90.7	95.0	99.6	103.8	108.1	113.3
40°	80.1	80.7	83.1	85.6	88.0	90.4	94.7	98.7	102.9	106.9	111.8
42.5°	79.2	79.8	82.8	86.2	89.2	92.3	95.9	99.6	102.9	106.6	113.3
45°	78.0	79.2	82.8	86.8	90.4	94.1	97.4	100.8	104.1	107.5	115.7
47.5°	76.1	77.7	81.9	85.9	90.1	94.1	100.5	107.2	113.6	120.0	123.9
50°	74.9	76.4	81.0	85.6	90.1	94.7	105.1	115.4	125.5	135.8	133.7
52.5°	71.9	73.7	79.5	85.3	91.0	96.8	106.0	115.1	124.2	133.4	129.1
55°	66.1	67.6	74.3	81.0	87.4	94.1	100.8	107.5	113.9	120.6	115.7
57.5°	60.3	62.1	68.5	74.9	81.0	87.4	90.7	94.1	97.4	100.8	99.0
60°	54.8	56.6	65.2	73.7	82.2	90.7	87.7	84.7	81.3	78.3	80.4
62.5°	49.6	51.5	59.7	67.6	75.8	83.7	79.5	75.2	71.0	66.7	70.0
65°	43.8	45.7	48.7	52.1	55.1	58.2	57.9	57.2	56.9	56.3	60.0
67.5°	37.8	39.3	40.8	42.6	44.2	45.7	46.6	47.8	48.7	49.6	52.7
70°	32.9	34.4	36.2	37.8	39.6	41.1	41.7	42.3	42.6	43.2	46.0
72.5°	27.4	28.6	31.1	33.5	35.6	38.1	38.4	38.4	38.7	38.7	40.8
75°	23.8	24.7	26.5	28.3	29.8	31.7	32.6	33.5	34.1	35.0	36.2
77.5°	21.0	22.2	22.8	23.1	23.8	24.1	24.7	25.3	25.9	26.5	26.8
80°	15.5	17.1	17.7	18.0	18.6	18.9	18.9	18.6	18.6	18.3	18.6
82.5°	4.9	5.5	6.4	7.3	8.2	9.1	9.4	9.7	9.7	10.0	9.7
85°	0.9	1.2	1.8	2.4	2.7	3.3	3.0	2.4	2.1	1.5	1.2
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: P596245  
 CATALOG NUMBER: MSA-SA2B-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: P596245  
 CATALOG NUMBER: MSA-SA2B-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7
2.5°	703.7	712.6	721.7	718.0	714.4	710.7	707.1	707.7	708.6	709.2	709.8
5°	691.2	690.6	690.3	700.7	711.3	721.7	732.0	743.3	754.9	766.1	777.4
7.5°	604.1	602.9	602.0	615.4	628.8	642.2	655.6	671.1	687.0	702.5	718.0
10°	542.6	545.1	547.5	553.0	558.8	564.3	569.7	584.7	599.6	614.2	629.1
12.5°	564.3	581.3	598.7	602.0	605.1	608.4	611.5	613.6	615.7	617.9	620.0
15°	510.7	531.7	552.7	561.5	570.0	578.9	587.4	609.9	632.2	654.7	676.9
17.5°	425.4	447.3	469.6	496.0	522.5	549.0	575.5	599.9	624.2	648.6	673.0
20°	325.5	354.8	384.0	417.5	451.3	484.8	518.3	542.6	566.7	591.1	615.1
22.5°	233.9	257.6	281.4	321.9	362.1	402.6	442.8	485.1	527.7	570.0	612.4
25°	178.1	193.1	208.3	248.2	288.1	327.7	367.5	425.7	483.9	542.0	600.2
27.5°	151.3	161.7	171.7	207.7	243.6	279.2	315.2	384.3	453.4	522.5	591.7
30°	142.5	149.5	156.5	187.0	217.7	248.2	278.6	348.7	418.7	488.7	558.8
32.5°	131.5	137.3	143.4	170.2	197.0	223.5	250.3	318.8	387.3	455.5	524.1
35°	119.1	125.5	131.5	158.3	185.1	211.6	238.4	309.4	380.3	451.3	522.2
37.5°	118.2	123.3	128.2	159.3	190.6	221.7	252.7	323.7	394.6	465.3	536.2
40°	116.9	121.8	126.7	158.3	189.7	221.4	252.7	327.0	401.3	475.6	549.9
42.5°	120.0	126.4	133.1	161.1	189.1	216.8	244.8	323.1	401.3	479.3	557.6
45°	124.2	132.5	140.7	166.3	191.8	217.4	243.0	328.0	412.9	497.6	582.5
47.5°	128.2	132.2	136.1	160.5	184.5	208.9	233.0	319.7	406.5	493.3	580.1
50°	131.9	129.7	127.6	154.4	181.2	207.7	234.5	317.3	399.8	482.6	565.2
52.5°	124.5	120.3	115.7	144.3	173.0	201.3	229.9	313.3	396.8	480.2	563.6
55°	110.8	106.0	101.1	129.4	157.4	185.8	213.8	296.9	380.0	463.2	546.3
57.5°	96.8	95.0	92.9	114.5	136.1	157.4	179.1	271.3	363.9	456.2	548.4
60°	82.5	84.3	86.5	102.0	117.5	132.8	148.3	238.7	328.9	419.3	509.4
62.5°	73.1	76.4	79.5	92.6	106.0	119.1	132.2	217.4	302.7	387.9	473.2
65°	63.9	67.6	71.3	86.8	102.6	118.2	133.7	205.8	278.0	350.2	422.4
67.5°	55.7	58.5	61.5	81.9	102.3	122.7	143.1	202.2	261.0	320.0	378.8
70°	48.7	51.2	53.9	77.7	101.4	125.2	148.9	199.2	249.7	299.9	350.2
72.5°	42.9	45.1	47.2	71.3	95.3	119.4	143.4	188.2	232.6	277.4	321.9
75°	37.5	38.4	39.6	60.0	80.1	100.5	120.6	150.4	180.6	210.4	240.3
77.5°	27.1	27.1	27.4	33.5	39.3	45.4	51.2	69.7	88.3	106.6	125.2
80°	18.6	18.9	18.9	21.3	23.4	25.9	28.0	32.0	35.6	39.6	43.2
82.5°	9.4	8.8	8.5	11.0	13.4	15.8	18.3	19.2	19.8	20.7	21.3
85°	0.9	0.3	0.0	1.5	3.0	4.6	6.1	7.3	8.5	9.7	11.0
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: P596245  
 CATALOG NUMBER: MSA-SA2B-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: P596245

CATALOG NUMBER: MSA-SA2B-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°	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7
2.5°	707.4	704.9	702.5	700.1	715.0	730.2	745.1	760.1	802.4	830.1	827.1
5°	788.4	799.3	810.3	821.3	838.9	856.9	874.6	892.2	954.9	993.3	998.8
7.5°	735.1	751.8	768.9	785.6	819.7	853.5	887.6	921.4	972.9	1012.8	1035.3
10°	648.3	667.5	686.4	705.6	743.9	782.6	821.0	859.3	917.2	972.3	1000.6
12.5°	650.1	680.3	710.4	740.6	774.1	807.6	840.8	874.3	909.6	928.1	968.0
15°	700.7	724.4	748.2	771.9	815.8	859.6	903.2	947.0	968.0	1012.8	1059.4
17.5°	719.3	765.8	812.1	858.4	913.2	967.7	1022.5	1077.1	1116.6	1178.8	1226.9
20°	684.8	754.6	824.0	893.7	969.0	1044.2	1119.4	1194.6	1237.8	1296.9	1371.2
22.5°	686.4	760.4	834.1	908.1	1011.9	1115.4	1219.3	1322.8	1438.8	1552.7	1588.9
25°	697.0	793.9	890.4	987.2	1107.2	1227.2	1347.2	1467.1	1607.2	1726.9	1775.0
27.5°	700.7	809.7	918.4	1027.4	1197.9	1368.5	1539.0	1709.5	1876.7	2011.9	2063.4
30°	691.8	825.2	958.3	1091.4	1300.6	1509.8	1719.0	1928.2	2086.8	2244.2	2308.2
32.5°	694.0	863.9	1033.8	1203.7	1450.1	1696.7	1943.1	2189.4	2290.8	2432.7	2545.4
35°	708.6	895.0	1081.0	1267.4	1539.9	1812.4	2085.0	2357.5	2523.8	2673.6	2769.2
37.5°	742.7	949.2	1155.3	1361.8	1696.7	2032.0	2367.0	2701.9	2959.2	3216.5	3260.4
40°	768.0	986.0	1204.0	1422.1	1810.9	2199.8	2588.6	2977.5	3268.6	3547.9	3577.7
42.5°	796.6	1035.3	1274.4	1513.1	1948.0	2382.8	2817.6	3252.5	3589.6	3874.3	3894.1
45°	828.0	1073.7	1319.1	1564.6	2020.1	2475.4	2930.9	3386.2	3779.9	4110.6	4036.0
47.5°	842.9	1105.7	1368.5	1631.3	2119.7	2607.8	3096.3	3584.4	3937.6	4229.4	4142.3
50°	854.5	1143.4	1432.7	1721.7	2233.9	2746.1	3258.3	3770.5	4124.6	4393.8	4257.4
52.5°	887.0	1210.1	1533.5	1856.6	2401.4	2945.8	3490.6	4035.1	4377.6	4624.9	4433.7
55°	918.7	1290.8	1663.2	2035.4	2621.2	3207.4	3793.3	4379.2	4720.2	4932.2	4672.4
57.5°	958.6	1369.1	1779.3	2189.4	2816.1	3442.8	4069.2	4695.9	5029.3	5263.5	4993.7
60°	948.2	1386.7	1825.5	2264.0	2902.3	3540.5	4178.8	4817.1	5213.2	5501.0	5318.0
62.5°	908.1	1342.9	1777.4	2212.3	2839.3	3465.9	4092.9	4719.6	5194.3	5584.1	5522.6
65°	826.7	1230.8	1635.2	2039.3	2638.0	3237.0	3835.6	4434.3	5020.2	5516.2	5538.1
67.5°	719.9	1060.9	1401.7	1742.7	2301.2	2859.7	3417.8	3976.3	4667.8	5246.4	5311.6
70°	606.6	862.7	1119.1	1375.2	1866.7	2358.1	2849.3	3340.8	4059.7	4642.0	4765.0
72.5°	486.3	651.0	815.5	979.9	1334.7	1689.1	2043.9	2398.3	3030.8	3482.7	3697.4
75°	315.2	390.1	465.0	539.9	776.2	1012.2	1248.5	1484.5	1904.4	2237.2	2479.9
77.5°	140.4	155.6	170.5	185.8	368.2	550.6	733.0	915.4	1097.8	1298.7	1355.7
80°	50.2	56.9	63.9	70.6	160.2	250.0	339.5	429.1	517.4	621.2	646.5
82.5°	21.0	21.0	20.7	20.4	52.4	84.3	116.3	148.3	171.4	197.0	201.9
85°	8.5	6.4	4.0	1.5	6.7	12.2	17.4	22.5	36.2	32.9	60.9
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: P596245  
 CATALOG NUMBER: MSA-SA2B-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: P596245

CATALOG NUMBER: MSA-SA2B-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7
2.5°	815.5	814.9	814.3	813.7	813.0	802.1	791.4	780.5	769.8	783.2	796.6
5°	990.0	1005.8	1021.6	1037.8	1053.6	1058.2	1062.7	1067.3	1071.9	1081.6	1091.4
7.5°	1054.2	1081.0	1107.5	1134.3	1160.8	1185.5	1209.8	1234.5	1259.2	1253.1	1247.0
10°	1032.0	1080.4	1128.8	1177.5	1226.0	1236.6	1247.3	1258.2	1268.9	1296.6	1324.3
12.5°	1007.9	1066.1	1124.3	1182.4	1240.6	1272.9	1304.8	1337.1	1369.4	1397.4	1425.4
15°	1122.1	1159.3	1196.4	1233.9	1271.0	1299.3	1327.4	1355.7	1383.7	1403.2	1422.4
17.5°	1272.2	1290.5	1308.8	1327.4	1345.6	1367.9	1390.1	1412.3	1434.6	1446.1	1457.7
20°	1430.9	1438.8	1446.7	1454.6	1462.6	1444.9	1427.2	1409.6	1391.9	1402.9	1413.5
22.5°	1590.2	1592.9	1595.9	1598.7	1601.4	1560.3	1519.2	1478.1	1437.0	1419.6	1402.3
25°	1835.3	1815.2	1795.1	1775.0	1754.9	1706.2	1657.5	1608.7	1560.0	1517.1	1474.1
27.5°	2100.8	2032.6	1964.7	1896.5	1828.6	1779.9	1731.1	1682.4	1633.7	1569.1	1504.6
30°	2368.5	2258.6	2148.9	2039.0	1929.4	1871.5	1813.7	1755.5	1697.6	1633.1	1568.8
32.5°	2613.9	2481.8	2349.6	2217.1	2085.0	1987.5	1890.1	1792.7	1695.2	1650.1	1605.1
35°	2817.3	2661.1	2504.9	2348.4	2192.2	2095.6	1999.1	1902.6	1806.1	1739.1	1672.4
37.5°	3165.1	2989.4	2813.7	2638.0	2462.3	2330.4	2198.9	2067.0	1935.2	1890.4	1845.6
40°	3485.7	3264.4	3043.0	2821.6	2600.2	2489.7	2379.4	2268.9	2158.7	2085.3	2012.2
42.5°	3740.6	3507.4	3274.4	3041.2	2807.9	2698.6	2589.6	2480.2	2370.9	2321.9	2273.2
45°	3795.7	3575.9	3356.3	3136.5	2916.6	2853.0	2789.6	2726.0	2662.6	2628.8	2595.3
47.5°	3904.4	3666.0	3427.9	3189.4	2951.0	2922.4	2893.8	2864.8	2836.2	2852.4	2868.5
50°	3965.3	3722.0	3478.7	3235.4	2992.1	3000.3	3008.3	3016.5	3024.7	3139.2	3253.4
52.5°	4083.5	3837.8	3592.0	3346.3	3100.5	3152.3	3203.8	3255.5	3307.0	3464.7	3622.2
55°	4294.5	4053.0	3811.6	3569.8	3328.3	3396.5	3464.7	3533.2	3601.5	3768.9	3936.1
57.5°	4607.2	4367.6	4128.3	3888.6	3649.3	3717.2	3785.1	3853.0	3920.9	4072.2	4223.3
60°	5001.0	4754.9	4509.2	4263.2	4017.4	4043.0	4068.3	4093.8	4119.4	4282.0	4444.3
62.5°	5307.6	5081.4	4855.4	4629.2	4403.2	4374.9	4346.9	4318.6	4290.6	4414.2	4537.5
65°	5378.9	5219.6	5060.7	4901.4	4742.1	4655.1	4568.3	4481.2	4394.1	4444.0	4494.0
67.5°	5174.9	5067.4	4960.2	4852.7	4745.2	4563.4	4381.6	4199.5	4017.7	3991.2	3964.7
70°	4701.3	4642.6	4584.1	4525.3	4466.9	4186.7	3906.9	3626.7	3346.9	3279.6	3212.3
72.5°	3709.9	3746.4	3782.9	3819.8	3856.3	3556.4	3256.7	2956.8	2656.9	2571.6	2486.6
75°	2616.1	2740.0	2863.9	2987.9	3111.8	2838.3	2565.2	2291.7	2018.3	1936.4	1854.8
77.5°	1418.4	1650.8	1883.1	2115.4	2347.8	2122.1	1896.8	1671.2	1445.5	1388.6	1331.9
80°	672.4	806.3	940.0	1074.0	1208.0	1157.1	1106.3	1055.1	1004.3	1016.8	1029.2
82.5°	206.2	303.0	399.8	496.7	593.5	601.1	608.4	616.0	623.6	642.5	661.1
85°	69.1	94.7	120.3	145.9	171.4	216.5	261.6	306.9	352.0	322.8	293.9
87.5°	0.0	0.9	1.5	2.4	3.0	9.4	15.8	22.2	28.6	24.7	21.0
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: P596245  
 CATALOG NUMBER: MSA-SA2B-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: P596245

CATALOG NUMBER: MSA-SA2B-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°	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7
2.5°	810.3	823.7	824.0	824.6	824.9	825.2	826.7	828.3	830.1	831.6	821.6
5°	1101.4	1111.2	1093.2	1075.2	1057.0	1039.0	1055.1	1071.3	1087.4	1103.5	1096.5
7.5°	1240.6	1234.5	1232.4	1230.5	1228.4	1226.6	1232.7	1238.8	1244.8	1250.9	1250.3
10°	1352.0	1379.7	1386.4	1393.1	1400.1	1406.8	1392.8	1378.8	1364.8	1350.8	1345.0
12.5°	1453.4	1481.4	1503.7	1525.9	1548.4	1570.7	1550.6	1530.8	1510.7	1490.9	1472.0
15°	1441.9	1461.0	1479.3	1497.6	1515.9	1534.1	1527.4	1521.0	1514.3	1507.6	1504.6
17.5°	1469.6	1481.1	1476.9	1472.6	1468.0	1463.8	1461.7	1459.8	1457.7	1455.6	1448.3
20°	1424.5	1435.5	1432.7	1430.3	1427.5	1424.8	1423.0	1421.2	1419.3	1417.5	1411.7
22.5°	1384.9	1367.6	1363.0	1358.7	1354.2	1349.9	1350.5	1351.1	1351.4	1352.0	1378.2
25°	1431.2	1388.3	1371.5	1354.8	1337.7	1321.0	1328.6	1335.9	1343.5	1351.1	1388.9
27.5°	1439.7	1375.2	1348.4	1321.6	1294.8	1268.0	1295.4	1322.8	1350.2	1377.6	1438.8
30°	1504.3	1440.0	1402.6	1365.4	1328.0	1290.8	1325.8	1360.9	1395.9	1430.9	1497.3
32.5°	1559.7	1514.6	1487.8	1461.0	1434.2	1407.4	1409.0	1410.2	1411.7	1413.2	1506.7
35°	1605.4	1538.7	1514.3	1490.3	1465.9	1441.9	1478.1	1514.3	1550.6	1586.8	1670.9
37.5°	1800.9	1756.1	1711.4	1666.9	1622.1	1577.7	1606.6	1635.5	1664.8	1693.7	1786.6
40°	1938.8	1865.7	1854.2	1842.9	1831.3	1820.1	1835.0	1849.6	1864.5	1879.4	1960.7
42.5°	2224.1	2175.1	2143.8	2112.7	2081.3	2050.3	2062.1	2074.0	2086.2	2098.1	2175.1
45°	2561.5	2527.7	2507.0	2486.3	2465.3	2444.6	2426.6	2409.0	2391.0	2373.4	2451.6
47.5°	2884.6	2900.8	2946.4	2991.8	3037.5	3082.9	3045.7	3008.6	2971.1	2934.0	2934.3
50°	3367.9	3482.1	3505.2	3528.1	3551.2	3574.0	3494.9	3415.7	3336.2	3257.0	3247.6
52.5°	3779.9	3937.3	3945.5	3953.8	3962.3	3970.5	3938.5	3906.6	3874.3	3842.3	3757.4
55°	4103.6	4270.8	4282.0	4293.0	4304.3	4315.2	4287.2	4259.5	4231.5	4203.5	4117.6
57.5°	4374.6	4525.6	4532.3	4538.7	4545.4	4552.1	4554.3	4556.4	4558.8	4561.0	4444.9
60°	4606.9	4769.6	4756.2	4743.1	4729.7	4716.6	4696.5	4676.4	4656.3	4636.2	4561.3
62.5°	4661.1	4784.8	4764.1	4743.7	4723.0	4702.6	4685.5	4668.8	4651.7	4634.7	4586.8
65°	4543.9	4593.9	4572.5	4551.2	4529.6	4508.3	4497.3	4486.7	4475.7	4464.7	4458.6
67.5°	3937.9	3911.4	3936.7	3962.0	3987.3	4012.5	4046.9	4081.4	4116.1	4150.5	4130.4
70°	3144.7	3077.4	3105.4	3133.1	3161.1	3188.8	3240.9	3293.0	3345.4	3397.4	3383.4
72.5°	2401.4	2316.1	2320.1	2324.0	2328.3	2332.2	2330.7	2329.5	2328.0	2326.5	2350.8
75°	1772.9	1690.9	1652.3	1613.6	1574.9	1536.3	1526.8	1517.4	1507.9	1498.5	1543.9
77.5°	1275.0	1218.3	1191.9	1165.7	1139.2	1113.0	1126.4	1139.8	1153.5	1166.9	1182.7
80°	1042.0	1054.5	1034.1	1014.0	993.6	973.2	988.4	1003.4	1018.6	1033.8	986.6
82.5°	680.0	698.5	635.8	573.1	510.4	447.6	485.7	523.8	562.1	600.2	580.7
85°	264.6	235.7	201.0	166.6	131.9	97.1	126.4	155.6	184.8	214.1	233.6
87.5°	17.1	13.4	10.7	7.9	4.9	2.1	4.6	7.0	9.7	12.2	20.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596245  
 CATALOG NUMBER: MSA-SA2B-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: P596245

CATALOG NUMBER: MSA-SA2B-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7	643.7
2.5°	811.8	801.8	792.0	772.8	753.7	734.5	715.3	742.1	768.9	795.7	822.5
5°	1089.8	1082.8	1076.1	1078.0	1079.8	1081.9	1083.8	1087.7	1091.7	1095.3	1099.3
7.5°	1250.0	1249.4	1248.8	1234.8	1220.8	1206.5	1192.5	1199.5	1206.5	1213.5	1220.5
10°	1339.5	1333.8	1328.0	1297.2	1266.5	1235.4	1204.6	1191.2	1177.5	1164.1	1150.7
12.5°	1453.1	1433.9	1415.1	1382.2	1349.6	1316.7	1283.8	1271.6	1259.2	1247.0	1234.5
15°	1501.8	1498.8	1496.1	1472.6	1448.9	1425.4	1401.7	1359.9	1317.9	1276.2	1234.5
17.5°	1440.9	1433.3	1426.0	1463.2	1500.0	1537.2	1574.3	1531.1	1487.8	1444.6	1401.4
20°	1405.9	1400.1	1394.4	1463.5	1532.3	1601.4	1670.2	1651.1	1631.6	1612.4	1593.2
22.5°	1404.4	1430.9	1457.1	1517.7	1578.0	1638.6	1698.9	1732.1	1765.6	1798.7	1831.9
25°	1426.6	1464.7	1502.5	1602.9	1703.4	1804.2	1904.7	1942.8	1980.5	2018.6	2056.4
27.5°	1499.7	1560.9	1621.8	1709.5	1797.2	1885.2	1972.9	2056.1	2139.5	2222.6	2305.8
30°	1563.4	1629.7	1696.1	1800.6	1904.7	2009.2	2113.3	2217.4	2321.6	2425.7	2529.9
32.5°	1600.2	1694.0	1787.5	1914.5	2041.1	2168.1	2295.1	2409.3	2523.5	2637.4	2751.6
35°	1754.9	1839.2	1923.3	2063.7	2204.0	2344.7	2485.1	2626.4	2767.7	2908.7	3050.0
37.5°	1879.4	1972.6	2065.5	2219.0	2372.1	2525.6	2679.1	2874.3	3069.8	3265.0	3460.2
40°	2042.1	2123.4	2204.7	2348.4	2491.8	2635.5	2779.3	3026.8	3274.4	3521.7	3769.2
42.5°	2251.9	2328.9	2405.9	2559.7	2713.5	2867.3	3021.1	3295.1	3569.2	3842.9	4117.0
45°	2529.9	2608.4	2686.7	2809.1	2931.5	3053.9	3176.4	3467.8	3758.9	4050.3	4341.4
47.5°	2934.6	2934.9	2935.2	3023.5	3111.8	3200.4	3288.7	3582.3	3875.5	4169.1	4462.3
50°	3238.2	3228.4	3219.0	3264.7	3310.0	3355.7	3401.4	3671.5	3941.9	4212.0	4482.1
52.5°	3672.7	3587.7	3503.1	3530.2	3557.0	3584.1	3610.9	3839.6	4068.6	4297.3	4525.9
55°	4032.0	3946.2	3860.3	3850.2	3840.2	3830.1	3820.1	4030.5	4240.9	4451.3	4661.8
57.5°	4329.2	4213.2	4097.5	4074.4	4051.5	4028.4	4005.2	4227.2	4448.9	4670.9	4892.6
60°	4486.7	4411.8	4336.8	4321.9	4306.7	4291.8	4276.6	4458.6	4640.7	4822.8	5004.9
62.5°	4539.3	4491.5	4444.0	4472.0	4500.1	4528.4	4556.4	4636.5	4716.3	4796.4	4876.1
65°	4452.9	4446.8	4440.7	4498.2	4555.5	4613.0	4670.6	4650.8	4630.7	4610.9	4591.1
67.5°	4110.6	4090.5	4070.7	4197.1	4323.1	4449.5	4575.9	4480.0	4383.7	4287.8	4191.9
70°	3369.4	3355.1	3341.1	3523.2	3705.3	3887.7	4069.8	3953.5	3837.1	3720.8	3604.5
72.5°	2374.9	2399.2	2423.6	2638.3	2852.7	3067.3	3281.7	3164.5	3047.2	2930.0	2812.8
75°	1588.9	1634.3	1679.7	1900.8	2121.8	2343.2	2564.3	2426.6	2289.0	2151.4	2013.7
77.5°	1198.6	1214.4	1230.2	1370.0	1509.8	1649.8	1789.6	1676.0	1562.1	1448.6	1334.7
80°	939.4	891.9	844.7	890.7	936.7	982.7	1028.6	960.7	892.8	825.2	757.3
82.5°	561.2	541.7	522.2	547.2	571.9	596.8	621.8	592.6	563.0	533.8	504.3
85°	252.7	272.2	291.4	316.7	341.7	366.9	392.2	351.4	310.6	269.8	229.0
87.5°	28.3	36.5	44.8	55.4	66.1	76.7	87.4	68.2	48.7	29.5	10.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	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°	643.7	643.7
2.5°	838.0	853.5
5°	1099.0	1098.4
7.5°	1202.2	1183.6
10°	1133.7	1116.6
12.5°	1190.9	1147.4
15°	1201.6	1168.7
17.5°	1347.8	1293.9
20°	1524.1	1454.6
22.5°	1736.9	1641.6
25°	1943.1	1829.8
27.5°	2237.9	2169.6
30°	2461.1	2391.9
32.5°	2704.7	2657.8
35°	3003.4	2956.5
37.5°	3472.3	3484.2
40°	3776.5	3783.9
42.5°	4145.3	4173.6
45°	4373.1	4404.8
47.5°	4506.5	4550.6
50°	4553.4	4624.6
52.5°	4613.9	4701.6
55°	4759.5	4857.3
57.5°	4970.5	5048.5
60°	5008.6	5012.2
62.5°	4819.8	4763.5
65°	4531.1	4471.1
67.5°	4155.7	4119.1
70°	3556.4	3508.3
72.5°	2723.2	2633.7
75°	1902.9	1792.0
77.5°	1276.5	1218.3
80°	759.1	760.7
82.5°	518.3	532.0
85°	226.3	223.2
87.5°	7.3	4.0
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: P596245  
CATALOG NUMBER: MSA-SA2B-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)