

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: P596290

Luminaire Tested: **MSA-SA2D-722-U-SLR**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P596290  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)  
Test Lab: INNOVATIONS CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: MSA-SA2D-722-U-SLR  
Description: MESA POST TOP DECORATIVE LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8494 lumens  
Efficiency: N/A  
Efficacy: 65.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3

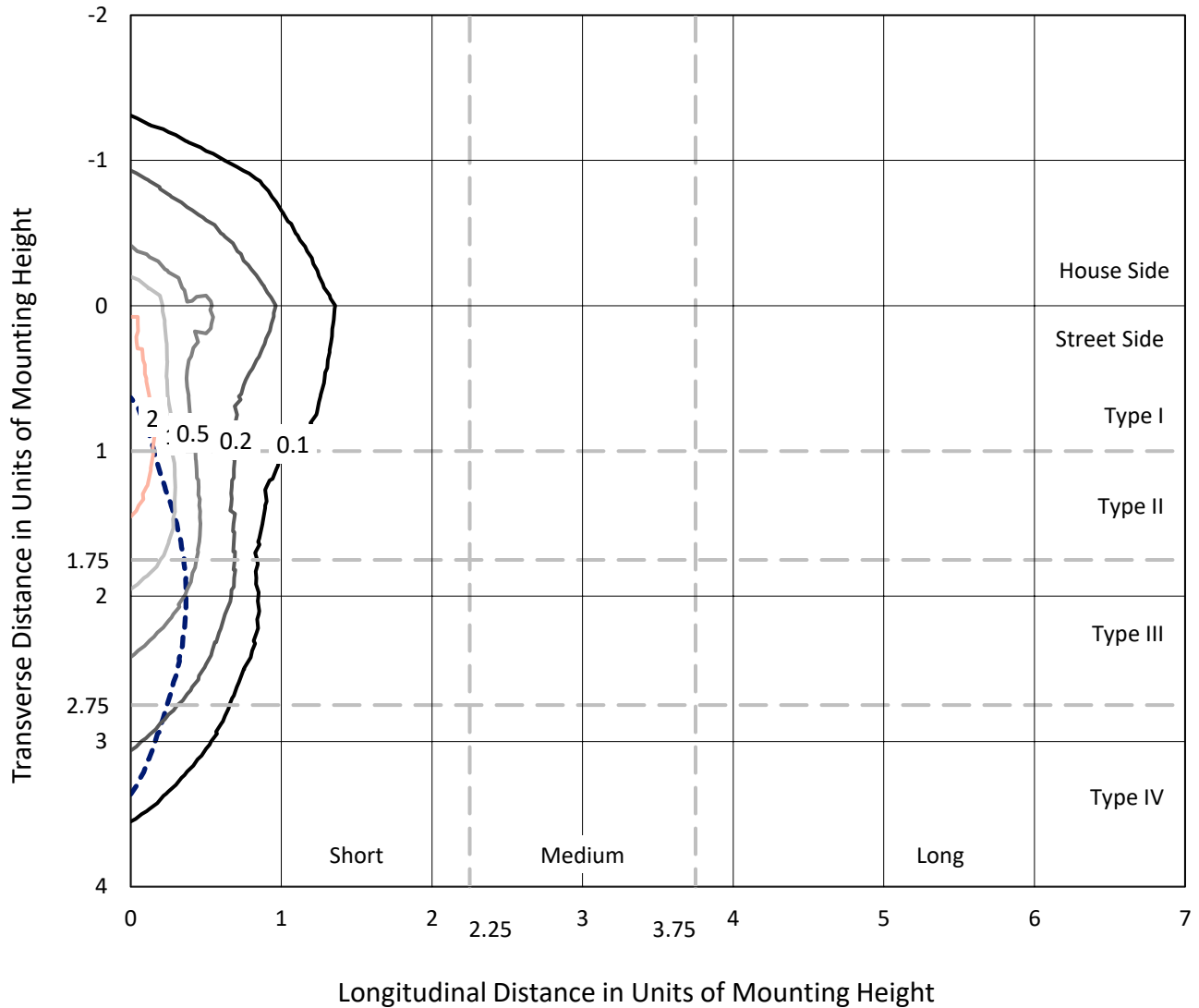
Input Watts (W): 129  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

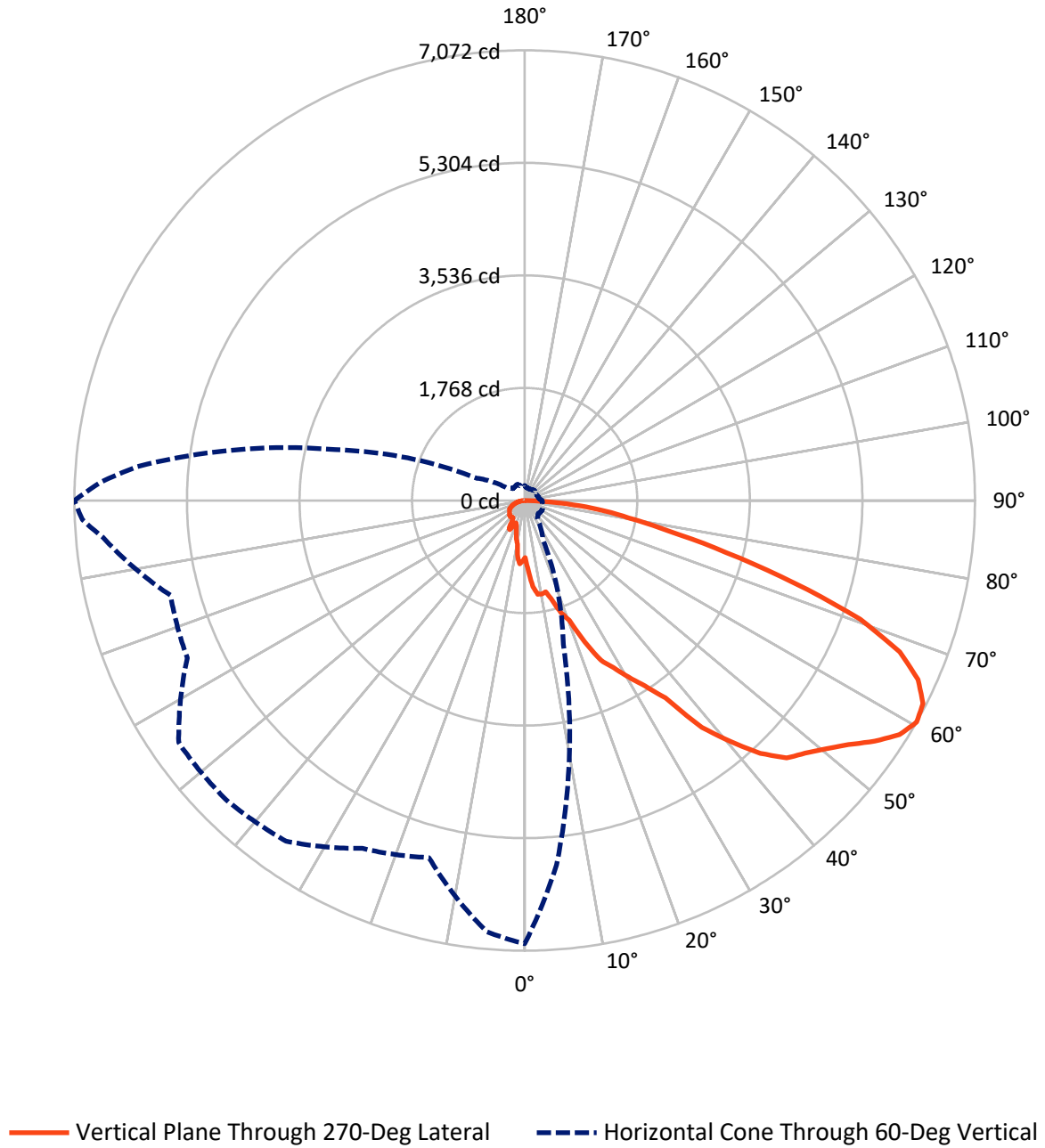
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.6 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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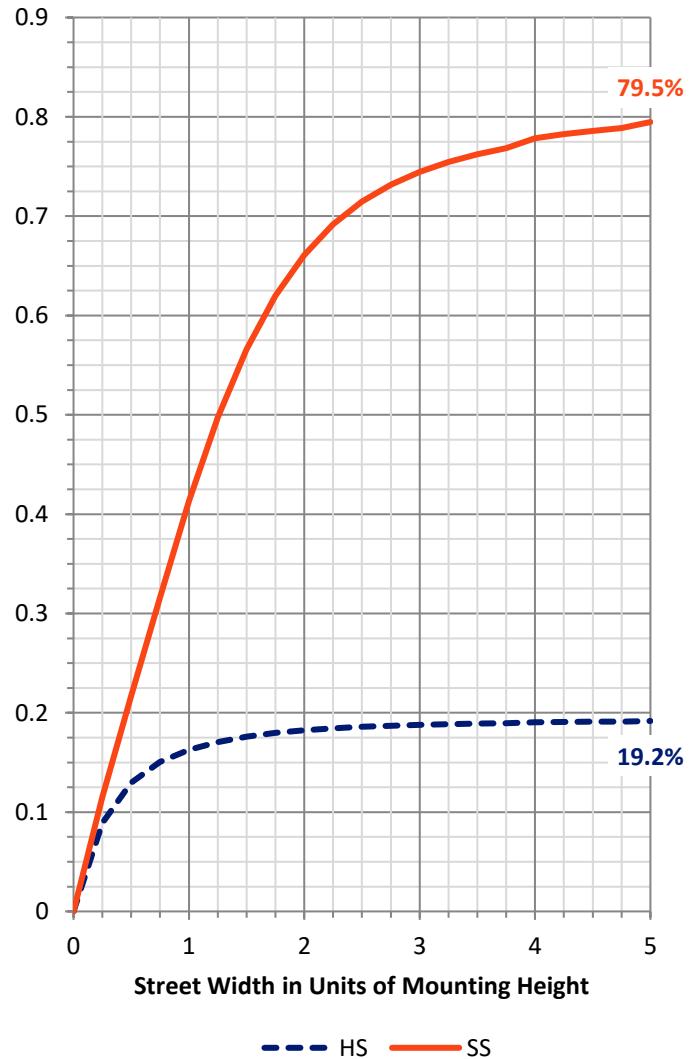
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1645.1	0.0	1645.1
	% Fixture	19.4	0.0	19.4
<b>Street Side</b>	Lumens	6848.9	0.0	6848.9
	% Fixture	80.6	0.0	80.6
<b>Total</b>	Lumens	8494.0	0.0	8494.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	102.7	1.2
10°-20°	298.5	3.5
20°-30°	526.9	6.2
30°-40°	820.6	9.7
40°-50°	1351.0	15.9
50°-60°	1928.3	22.7
60°-70°	2044.7	24.1
70°-80°	1129.3	13.3
80°-90°	292.2	3.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	8494.0	100.0
0°-180°	8494.0	100.0

**Coefficient of Utilization**



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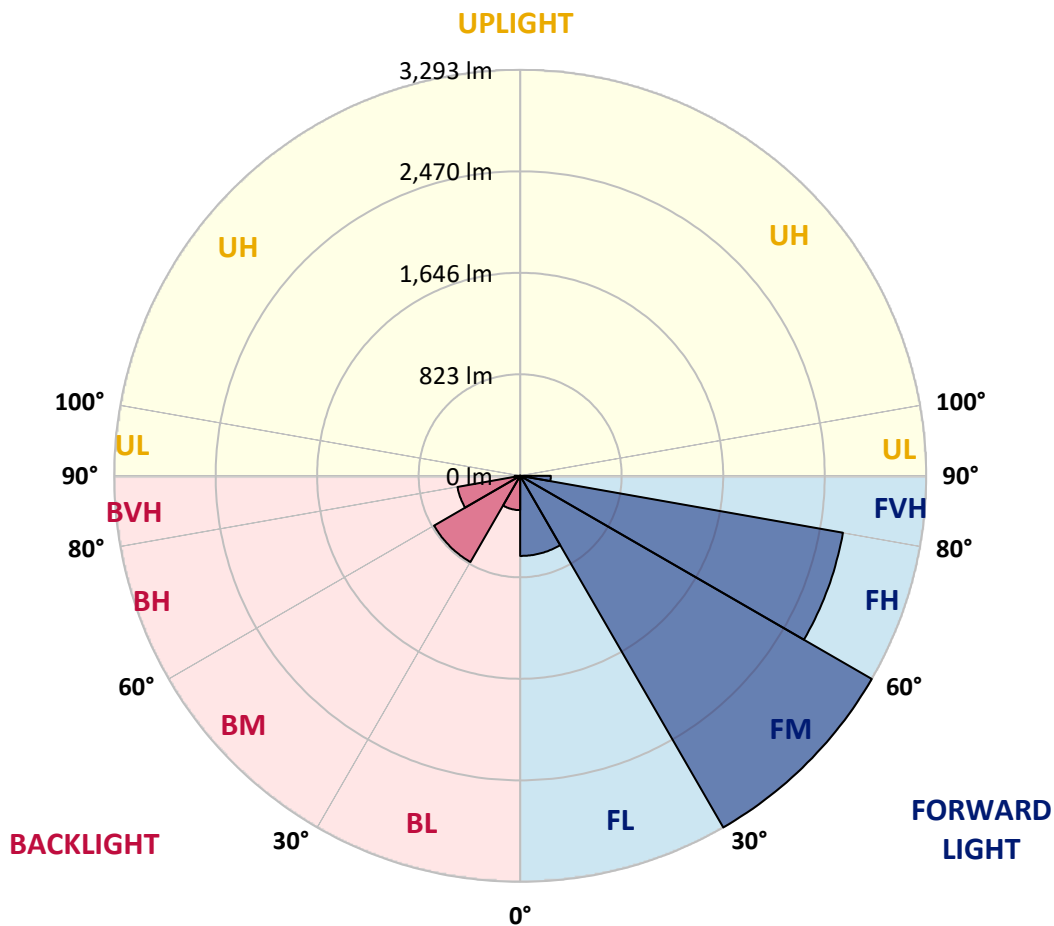
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	649.9	7.7			
FM (30°-60°)	3292.8	38.8			
FH (60°-80°)	2657.8	31.3			G2/5000
FVH (80°-90°)	248.3	2.9			G3/500
BL (0°-30°)	278.1	3.3	B1/500		
BM (30°-60°)	807.0	9.5	B1/1000		
BH (60°-80°)	516.2	6.1	B2/1000		G2/1000
BVH (80°-90°)	43.9	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G3**

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°	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9
2.5°	1199.7	1207.2	1214.2	1200.2	1186.1	1171.7	1157.7	1136.7	1115.2	1094.2	1072.8
5°	1440.9	1413.7	1386.1	1375.0	1364.3	1353.1	1342.0	1331.7	1321.4	1310.7	1300.3
7.5°	1516.4	1477.6	1438.5	1422.0	1405.5	1388.6	1372.1	1335.0	1297.9	1260.4	1223.2
10°	1433.5	1393.1	1352.3	1336.2	1319.7	1303.6	1287.2	1241.8	1196.9	1151.5	1106.2
12.5°	1500.3	1459.1	1417.4	1366.3	1315.2	1263.7	1212.5	1187.4	1162.2	1136.7	1111.5
15°	1564.6	1509.0	1452.9	1401.8	1350.6	1299.1	1248.0	1197.7	1147.4	1097.1	1046.8
17.5°	1799.6	1706.9	1614.1	1521.7	1429.0	1336.6	1243.9	1185.7	1127.2	1069.1	1010.5
20°	2086.2	1957.1	1827.7	1687.5	1546.9	1406.7	1266.1	1192.7	1119.8	1046.4	973.0
22.5°	2427.1	2264.3	2101.4	1924.5	1747.7	1570.4	1393.5	1287.2	1180.8	1074.0	967.6
25°	2698.0	2541.3	2384.7	2160.4	1936.1	1711.8	1487.5	1366.7	1245.9	1124.7	1003.9
27.5°	2961.0	2711.6	2461.8	2204.9	1948.5	1691.6	1434.8	1323.0	1211.3	1099.6	987.8
30°	3183.3	2985.4	2787.5	2452.3	2117.1	1781.5	1446.3	1309.0	1171.7	1034.4	897.1
32.5°	3508.5	3226.1	2943.3	2593.7	2244.1	1894.5	1544.8	1369.2	1193.6	1017.9	842.3
35°	3889.1	3595.5	3302.0	2869.5	2437.4	2004.9	1572.5	1386.5	1200.2	1014.2	827.9
37.5°	4598.6	4081.2	3563.4	3091.3	2619.2	2146.8	1674.7	1458.7	1242.6	1026.2	810.1
40°	4989.9	4511.6	4033.4	3445.1	2856.7	2268.0	1679.6	1458.7	1237.3	1016.3	794.9
42.5°	5511.4	4906.6	4301.4	3665.2	3029.5	2393.3	1757.2	1512.3	1267.4	1022.1	777.2
45°	5829.3	5155.2	4480.7	3800.9	3121.0	2441.1	1761.3	1512.7	1264.1	1015.5	766.9
47.5°	6034.2	5386.9	4739.2	4007.4	3275.6	2543.4	1811.6	1547.7	1283.4	1019.6	755.3
50°	6228.4	5587.3	4945.8	4185.9	3426.5	2666.7	1906.8	1618.6	1330.4	1041.8	753.7
52.5°	6466.7	5876.3	5285.5	4470.4	3654.9	2839.8	2024.3	1710.6	1396.8	1083.1	769.3
55°	6813.4	6231.7	5649.5	4774.7	3899.4	3024.5	2149.2	1800.9	1452.9	1104.5	756.1
57.5°	7038.1	6448.1	5858.2	4966.0	4073.8	3181.2	2289.0	1903.1	1517.2	1130.9	745.0
60°	6963.5	6355.0	5746.0	4895.5	4044.9	3194.4	2343.8	1927.0	1510.6	1093.8	677.0
62.5°	6633.7	5986.8	5339.9	4578.0	3816.5	3054.6	2292.7	1868.9	1445.5	1021.6	597.8
65°	6172.7	5504.0	4834.9	4147.6	3460.3	2773.0	2085.8	1701.1	1316.0	931.4	546.3
67.5°	5607.1	4909.9	4212.3	3603.8	2995.3	2386.3	1777.8	1456.2	1135.0	813.4	491.9
70°	4897.5	4212.3	3527.1	3000.6	2474.1	1947.6	1421.1	1179.1	937.5	695.5	453.5
72.5°	3936.5	3345.3	2754.1	2339.7	1925.4	1511.0	1096.7	928.5	760.7	592.5	424.2
75°	2799.8	2452.3	2104.7	1782.3	1459.9	1137.1	814.7	705.8	597.0	488.1	379.3
77.5°	1989.7	1784.8	1579.9	1327.1	1074.4	821.7	569.0	505.0	441.6	377.7	313.7
80°	1471.0	1299.9	1128.8	938.4	747.9	557.4	366.9	335.6	304.7	273.3	242.0
82.5°	968.5	891.4	813.9	663.0	512.1	361.2	210.3	198.7	187.2	175.6	164.1
85°	433.7	458.0	482.0	389.6	296.8	204.5	111.7	106.4	101.0	95.7	90.3
87.5°	41.6	61.4	81.2	69.7	57.7	46.2	34.2	33.8	33.8	33.4	33.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	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°	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9
2.5°	1078.5	1084.3	1090.1	1095.9	1089.7	1083.5	1076.9	1070.7	1062.9	1055.0	1046.8
5°	1283.0	1265.3	1248.0	1230.3	1203.9	1177.5	1150.7	1124.3	1121.0	1117.3	1114.0
7.5°	1190.7	1158.5	1126.0	1093.4	1052.2	1011.3	970.1	928.9	916.5	904.1	891.8
10°	1084.3	1062.0	1040.2	1017.9	992.4	966.8	940.8	915.3	881.5	847.2	813.4
12.5°	1075.2	1039.0	1002.3	966.0	950.3	934.7	919.0	903.3	873.6	843.9	813.9
15°	1017.5	987.8	958.6	928.9	906.2	883.5	860.9	838.2	814.3	789.9	766.0
17.5°	976.7	942.9	909.1	875.3	849.3	823.3	796.9	771.0	742.1	712.8	684.0
20°	934.2	895.9	857.1	818.4	785.4	752.8	719.8	686.9	655.1	623.8	592.0
22.5°	916.9	866.2	815.5	764.8	730.2	695.1	660.5	625.4	596.2	566.9	537.6
25°	943.3	883.1	822.5	761.9	715.3	668.3	621.7	574.7	550.4	526.1	501.3
27.5°	912.4	836.5	761.1	685.2	635.3	585.0	535.1	484.8	481.1	477.4	473.3
30°	817.6	738.0	658.4	578.8	533.1	486.9	441.1	395.0	386.3	377.2	368.6
32.5°	761.1	679.9	598.6	517.4	476.6	435.4	394.6	353.3	343.4	333.5	323.6
35°	739.6	651.4	563.2	475.0	439.9	404.9	369.8	334.8	327.8	321.2	314.2
37.5°	722.3	634.9	547.1	459.3	425.5	391.7	357.5	323.6	318.3	312.9	307.6
40°	705.8	617.2	528.1	439.1	409.0	379.3	349.2	319.1	315.8	312.5	308.8
42.5°	691.0	604.8	518.2	432.1	405.3	378.9	352.1	325.3	322.0	318.7	315.4
45°	682.7	598.6	514.5	430.4	411.0	391.7	371.9	352.5	344.7	336.8	328.6
47.5°	676.6	597.8	519.1	440.3	420.1	399.9	379.7	359.5	352.5	345.5	338.1
50°	677.8	602.3	526.5	450.6	426.3	401.6	377.2	352.5	351.7	350.9	350.0
52.5°	688.9	608.9	528.5	448.2	421.8	395.4	368.6	342.2	347.6	352.5	357.9
55°	672.8	589.6	505.9	422.6	397.4	372.7	347.6	322.4	329.4	336.0	343.0
57.5°	654.7	564.4	474.1	383.8	364.9	345.9	326.5	307.6	315.0	322.8	330.2
60°	594.5	512.1	429.6	347.1	334.4	321.6	308.8	296.0	299.3	302.6	305.9
62.5°	528.5	458.9	389.6	319.9	310.0	299.7	289.8	279.5	279.5	279.9	279.9
65°	486.5	426.7	366.9	307.2	296.0	284.9	273.3	262.2	260.6	258.9	257.3
67.5°	444.4	397.4	350.0	302.6	286.5	270.9	254.8	238.7	236.7	235.0	232.9
70°	411.5	369.4	327.4	285.3	267.2	249.4	231.3	213.2	211.5	210.3	208.6
72.5°	384.7	345.5	305.9	266.3	247.4	228.0	209.0	189.7	188.4	187.2	185.5
75°	344.3	309.6	274.6	239.5	221.0	202.8	184.3	165.7	164.1	162.9	161.2
77.5°	284.9	255.6	226.8	197.5	183.1	169.0	154.6	140.2	139.4	138.5	137.3
80°	219.3	196.7	173.6	150.9	141.4	131.5	122.0	112.1	111.7	111.3	110.5
82.5°	150.5	136.9	123.3	109.7	102.7	95.2	88.2	80.8	81.2	81.6	82.0
85°	85.8	80.8	76.3	71.3	65.6	60.2	54.4	48.6	49.9	51.1	51.9
87.5°	31.3	29.7	28.0	26.4	23.5	21.0	18.1	15.3	16.1	17.3	18.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**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: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9
2.5°	1039.0	1026.6	1014.2	1001.9	989.5	963.9	938.8	913.2	887.6	903.3	919.4
5°	1110.3	1089.3	1067.8	1046.8	1025.4	1013.4	1001.4	989.5	977.5	983.7	990.3
7.5°	879.4	867.0	854.3	841.9	829.1	823.7	818.8	813.4	808.1	823.3	838.6
10°	779.2	761.9	744.6	726.9	709.5	699.2	688.9	678.6	668.3	672.4	676.6
12.5°	784.2	758.6	733.0	707.5	681.9	666.7	651.4	636.2	620.9	624.6	628.3
15°	741.7	715.3	688.9	662.5	636.2	618.4	600.3	582.6	564.4	558.2	551.6
17.5°	654.7	625.8	597.0	568.1	539.3	527.3	515.4	503.4	491.4	484.8	478.3
20°	560.3	533.5	506.7	479.9	453.1	444.9	436.6	428.0	419.7	415.6	411.0
22.5°	508.3	491.9	475.0	458.5	441.6	432.1	423.0	413.5	404.0	399.5	394.6
25°	477.0	480.3	484.0	487.3	490.6	486.5	482.0	477.8	473.3	475.0	476.2
27.5°	469.6	476.6	484.0	491.0	498.0	501.8	505.5	509.2	512.9	514.1	515.4
30°	359.5	363.2	366.5	370.2	373.5	383.8	394.1	404.0	414.3	430.4	446.9
32.5°	313.7	312.5	311.3	309.6	308.4	310.9	313.3	315.4	317.9	323.6	329.8
35°	307.2	304.3	301.0	298.1	294.8	296.0	297.3	298.5	299.7	304.3	308.8
37.5°	302.2	301.0	300.1	298.9	297.7	300.6	303.0	305.9	308.4	312.1	315.8
40°	305.5	305.1	304.7	303.9	303.4	305.1	306.7	308.4	310.0	315.0	319.9
42.5°	312.1	312.1	311.7	311.7	311.3	312.9	314.2	315.8	317.0	319.9	322.8
45°	320.8	319.9	319.5	318.7	317.9	317.5	317.5	317.0	316.6	318.3	320.3
47.5°	331.1	328.2	324.9	322.0	318.7	317.9	316.6	315.8	314.6	315.4	316.2
50°	349.2	341.4	334.0	326.1	318.3	316.2	314.2	312.1	310.0	309.6	309.6
52.5°	362.8	351.3	339.7	328.2	316.6	312.9	309.2	305.5	301.8	301.0	300.6
55°	349.6	341.0	332.7	324.1	315.4	310.0	304.3	298.9	293.1	291.9	290.7
57.5°	337.7	332.3	326.9	321.6	316.2	310.9	305.1	299.7	294.0	291.1	288.2
60°	309.2	309.2	309.6	309.6	309.6	303.9	298.1	292.3	286.5	283.7	281.2
62.5°	279.9	284.5	288.6	293.1	297.3	289.4	281.2	273.3	265.1	263.0	261.4
65°	255.6	256.9	258.5	259.7	261.0	254.8	248.6	242.4	236.2	235.0	233.4
67.5°	230.9	230.5	230.1	229.2	228.8	225.1	221.0	217.3	213.2	211.5	209.9
70°	207.0	206.6	206.1	205.3	204.9	201.6	198.3	195.0	191.7	190.5	189.2
72.5°	184.3	183.9	183.1	182.6	181.8	178.9	176.5	173.6	170.7	169.0	167.4
75°	159.6	158.7	157.9	157.1	156.3	153.8	151.3	148.4	145.9	144.3	142.7
77.5°	136.5	135.2	134.0	132.3	131.1	129.0	126.6	124.5	122.0	120.0	118.3
80°	110.1	109.3	108.4	107.2	106.4	104.3	102.2	99.8	97.7	95.2	93.2
82.5°	82.5	82.0	81.2	80.8	80.0	77.9	75.9	73.8	71.7	69.3	66.8
85°	53.2	52.8	52.4	51.9	51.5	49.9	48.6	47.0	45.4	42.9	40.8
87.5°	19.0	18.1	17.7	16.9	16.1	15.7	14.8	14.4	13.6	12.4	11.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9
2.5°	935.1	950.7	951.1	951.1	958.6	965.6	951.1	936.7	921.9	907.4	893.0
5°	996.5	1002.7	1001.0	999.0	989.9	980.8	971.3	961.9	952.4	942.9	943.3
7.5°	853.8	869.1	881.5	893.4	881.9	870.3	864.1	858.0	851.8	845.6	844.8
10°	680.3	684.4	689.3	693.9	686.9	679.4	691.8	704.2	716.1	728.5	714.9
12.5°	632.0	635.7	627.1	618.0	615.1	612.2	609.4	606.1	603.2	599.9	598.2
15°	545.5	538.9	532.3	525.3	523.6	521.5	519.5	517.0	514.9	512.5	505.0
17.5°	471.7	465.1	453.9	442.4	437.8	432.9	431.7	430.4	428.8	427.5	420.5
20°	406.9	402.4	399.5	396.2	391.7	387.1	382.6	378.1	373.1	368.6	362.0
22.5°	390.0	385.1	381.4	377.2	376.4	375.6	367.3	358.7	350.4	341.8	338.1
25°	477.8	479.1	456.4	433.3	431.3	429.2	414.3	399.1	384.2	369.0	356.2
27.5°	516.2	517.4	516.6	515.8	509.2	502.2	477.0	451.5	426.3	400.7	382.6
30°	463.0	479.1	485.3	491.4	486.9	482.0	455.6	429.6	403.2	376.8	364.9
32.5°	335.6	341.4	351.7	361.6	366.9	371.9	363.6	355.4	347.1	338.9	336.8
35°	312.9	317.5	319.5	321.6	318.3	315.0	308.8	302.6	296.0	289.8	288.6
37.5°	319.1	322.8	326.9	331.1	322.0	312.5	305.5	298.9	291.9	284.9	279.1
40°	324.9	329.8	332.3	334.8	325.7	316.6	308.0	299.7	291.1	282.4	276.6
42.5°	325.7	328.6	333.1	337.7	324.9	311.7	303.9	295.6	287.8	279.5	273.8
45°	322.0	323.6	327.8	331.9	317.0	301.8	294.8	287.4	280.4	272.9	268.0
47.5°	316.6	317.5	320.8	323.6	308.0	291.9	285.3	278.7	271.7	265.1	260.2
50°	309.2	308.8	311.3	313.3	297.3	281.2	274.6	268.4	261.8	255.2	251.1
52.5°	299.7	298.9	301.4	303.4	286.5	269.6	263.9	258.5	252.7	247.0	243.7
55°	289.0	287.8	289.8	291.9	275.4	258.5	253.6	248.2	243.2	237.9	235.0
57.5°	284.9	282.0	283.2	284.5	265.9	247.4	242.4	237.5	232.5	227.6	225.5
60°	278.3	275.4	276.6	277.5	257.7	237.5	232.9	228.0	223.5	218.5	216.4
62.5°	259.3	257.3	258.9	260.6	242.8	224.7	220.6	216.9	212.7	208.6	205.7
65°	232.1	230.5	233.8	237.1	221.8	206.6	204.1	201.6	198.7	196.2	193.4
67.5°	208.2	206.6	209.9	213.2	202.0	190.9	188.4	185.9	183.5	181.0	179.3
70°	188.0	186.8	189.7	192.5	183.1	173.6	171.1	169.0	166.6	164.1	162.9
72.5°	165.3	163.7	167.4	170.7	162.9	154.6	152.5	150.1	148.0	145.5	144.7
75°	141.0	139.4	142.7	145.5	140.2	134.4	132.3	130.3	128.2	126.2	125.7
77.5°	116.3	114.2	117.5	120.4	117.1	113.4	111.7	109.7	108.0	106.0	106.0
80°	90.7	88.2	90.7	92.8	91.5	90.3	89.1	87.4	86.2	84.5	84.9
82.5°	64.3	61.8	63.1	64.3	65.1	66.0	66.0	66.0	66.0	66.0	66.0
85°	38.3	35.9	36.3	36.7	37.9	39.2	39.6	40.0	40.4	40.8	41.2
87.5°	9.9	8.7	7.8	6.6	7.8	8.7	9.5	9.9	10.7	11.1	11.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P596290

CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9
2.5°	878.6	863.7	849.3	858.4	867.0	876.1	884.8	885.2	885.2	885.6	885.6
5°	944.1	944.5	945.0	936.3	928.1	919.4	910.7	906.2	901.7	896.7	892.2
7.5°	843.5	842.7	841.5	833.2	825.0	816.7	808.5	788.7	768.5	748.7	728.5
10°	700.9	687.3	673.3	670.0	667.1	663.8	660.5	655.1	650.2	644.8	639.5
12.5°	596.6	594.9	593.3	584.6	576.0	566.9	558.2	558.2	558.2	558.2	558.2
15°	497.2	489.8	482.0	477.8	473.3	469.2	464.6	462.6	460.5	458.5	456.4
17.5°	413.1	406.1	398.7	397.9	397.0	396.2	395.4	393.3	391.3	389.2	387.1
20°	355.4	348.8	342.2	344.7	347.1	349.2	351.7	349.6	347.6	345.1	343.0
22.5°	334.0	330.2	326.1	324.1	322.0	319.5	317.5	317.5	317.9	317.9	317.9
25°	343.8	331.1	318.3	312.1	305.9	299.3	293.1	290.7	288.6	286.1	283.7
27.5°	364.5	345.9	327.8	317.0	306.3	295.6	284.9	280.4	275.4	270.9	265.9
30°	352.5	340.5	328.2	315.8	303.4	291.1	278.7	272.9	267.2	261.0	255.2
32.5°	334.8	332.3	330.2	318.7	307.2	295.2	283.7	281.2	279.1	276.6	274.2
35°	287.0	285.7	284.1	281.2	278.3	275.4	272.5	269.2	265.9	262.6	259.3
37.5°	273.8	268.0	262.2	261.0	259.7	258.5	257.3	256.0	254.8	253.1	251.9
40°	270.9	265.1	259.3	257.3	255.2	252.7	250.7	251.1	251.9	252.3	252.7
42.5°	267.6	261.8	255.6	254.0	252.3	250.7	249.0	249.4	250.3	250.7	251.1
45°	263.5	258.5	253.6	250.7	248.2	245.3	242.4	244.9	247.4	249.4	251.9
47.5°	255.2	249.8	244.9	243.2	241.6	239.5	237.9	240.4	242.8	244.9	247.4
50°	246.5	242.4	237.9	237.5	237.1	236.2	235.8	237.5	239.1	240.8	242.4
52.5°	239.9	236.7	232.9	232.9	232.5	232.5	232.1	233.8	235.4	236.7	238.3
55°	232.5	229.6	226.8	227.2	228.0	228.4	228.8	230.5	232.5	234.2	235.8
57.5°	223.0	221.0	218.5	220.2	221.4	223.0	224.3	225.5	227.2	228.4	229.6
60°	214.0	211.9	209.4	211.1	213.2	214.8	216.4	217.7	218.9	220.2	221.4
62.5°	202.8	199.5	196.7	199.1	201.2	203.7	205.7	206.6	207.8	208.6	209.4
65°	190.9	188.0	185.1	186.8	188.4	189.7	191.3	192.5	193.8	195.0	196.2
67.5°	177.3	175.6	173.6	174.8	176.0	177.3	178.5	178.9	178.9	179.3	179.3
70°	161.2	160.0	158.3	159.1	160.4	161.2	162.0	162.0	162.0	161.6	161.6
72.5°	144.3	143.5	142.7	143.1	143.9	144.3	144.7	144.3	143.9	143.5	143.1
75°	125.3	124.9	124.5	124.9	125.7	126.2	126.6	126.2	125.3	124.9	124.1
77.5°	106.4	106.4	106.4	106.4	106.8	106.8	106.8	106.0	105.1	104.3	103.5
80°	85.3	85.8	86.2	86.2	86.2	86.2	86.2	85.3	84.5	83.3	82.5
82.5°	66.0	66.0	66.0	66.0	66.4	66.4	66.4	64.3	62.7	60.6	58.5
85°	41.2	41.6	41.6	42.1	42.5	42.5	42.9	40.0	37.5	34.6	31.7
87.5°	11.1	11.1	11.1	11.1	11.1	10.7	10.7	8.2	5.4	2.9	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P596290

CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9
2.5°	888.1	890.5	892.6	895.1	895.5	895.9	895.9	896.3	887.6	879.0	869.9
5°	898.4	904.1	910.3	916.1	914.9	913.6	912.4	911.2	908.7	906.6	904.1
7.5°	724.0	719.8	715.3	710.8	714.5	718.2	721.9	725.6	727.3	728.9	730.2
10°	629.1	618.8	608.5	598.2	592.5	586.3	580.5	574.3	573.5	573.1	572.3
12.5°	547.5	536.4	525.7	514.5	511.2	507.5	504.2	500.5	503.8	507.1	510.0
15°	451.9	447.7	443.2	438.7	442.4	446.1	449.8	453.5	456.8	459.7	463.0
17.5°	385.1	383.4	381.4	379.3	382.6	386.3	389.6	392.9	400.3	407.7	415.2
20°	341.4	340.1	338.5	336.8	335.6	334.0	332.7	331.1	341.8	352.1	362.8
22.5°	315.4	312.9	310.5	308.0	308.4	308.8	308.8	309.2	317.9	326.9	335.6
25°	282.8	282.0	281.2	280.4	282.8	285.3	287.4	289.8	297.7	305.5	312.9
27.5°	266.3	266.7	267.2	267.6	270.9	274.6	277.9	281.2	286.5	291.9	297.3
30°	257.3	259.7	261.8	263.9	265.1	266.3	267.6	268.8	274.2	279.1	284.5
32.5°	270.9	267.6	263.9	260.6	262.2	264.3	265.9	267.6	272.5	277.5	282.4
35°	258.1	256.4	255.2	253.6	255.6	257.7	259.3	261.4	265.9	270.0	274.6
37.5°	251.5	251.1	250.7	250.3	251.5	252.7	253.6	254.8	258.9	263.0	266.7
40°	251.1	249.0	247.4	245.3	246.5	247.8	248.6	249.8	254.8	259.7	264.7
42.5°	248.6	246.1	243.2	240.8	242.0	243.7	244.9	246.1	251.5	256.4	261.8
45°	248.2	244.5	240.4	236.7	238.3	239.9	241.6	243.2	247.4	251.5	255.2
47.5°	243.7	239.9	236.2	232.5	233.4	234.2	234.6	235.4	239.1	242.4	246.1
50°	239.9	237.1	234.6	231.7	230.5	229.6	228.4	227.2	230.1	232.9	235.8
52.5°	235.4	232.5	229.2	226.3	224.7	223.0	221.4	219.7	222.2	224.3	226.8
55°	232.5	228.8	225.5	221.8	219.7	217.7	215.6	213.6	215.2	216.4	218.1
57.5°	226.3	223.0	219.3	216.0	213.6	211.1	208.2	205.7	206.6	207.4	208.2
60°	218.1	214.4	211.1	207.4	204.5	201.6	198.3	195.4	195.8	196.7	197.1
62.5°	206.1	202.8	199.1	195.8	192.5	189.7	186.4	183.1	183.9	184.3	185.1
65°	192.9	189.2	185.9	182.2	179.3	176.5	173.2	170.3	171.1	171.9	172.3
67.5°	176.9	174.0	171.5	168.6	166.2	163.3	160.8	157.9	158.3	158.7	159.1
70°	159.6	157.1	155.0	152.5	150.5	148.4	146.4	144.3	144.3	144.7	144.7
72.5°	141.0	138.9	136.9	134.8	132.8	131.1	129.0	127.0	127.8	128.6	129.0
75°	122.0	120.4	118.3	116.3	114.6	113.0	110.9	109.3	110.1	110.9	111.3
77.5°	102.2	101.0	99.4	98.1	96.5	94.8	92.8	91.1	91.9	92.8	93.2
80°	81.6	80.8	79.6	78.7	77.1	75.4	73.8	72.1	72.6	72.6	73.0
82.5°	59.0	59.4	59.4	59.8	58.5	56.9	55.7	54.0	54.0	54.0	53.6
85°	33.0	34.6	35.9	37.1	35.9	34.6	33.4	32.2	31.7	31.7	31.3
87.5°	1.2	2.1	3.3	4.1	3.7	3.3	2.5	2.1	2.5	2.9	2.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9
2.5°	861.3	868.3	875.3	882.3	889.3	900.0	910.7	921.9	933.0	926.8	920.2
5°	901.7	905.8	910.3	914.4	918.6	930.5	942.1	956.5	970.5	968.9	966.8
7.5°	731.8	737.6	743.4	748.7	754.5	772.6	790.8	806.0	821.3	819.2	816.7
10°	571.4	583.4	595.8	607.7	619.7	634.5	648.9	661.7	674.5	695.9	717.0
12.5°	513.3	531.8	550.4	569.0	587.5	598.2	608.5	625.0	641.5	653.1	665.0
15°	465.9	483.2	500.5	517.8	535.1	536.0	536.8	554.1	571.4	581.3	590.8
17.5°	422.6	432.1	441.6	450.6	460.1	456.8	453.5	461.8	469.6	473.7	478.3
20°	373.1	379.7	386.3	392.9	399.5	404.0	408.2	413.1	417.6	413.5	409.0
22.5°	344.3	354.2	364.5	374.4	384.2	387.1	389.6	386.7	383.8	382.6	381.4
25°	320.8	332.7	345.1	357.0	369.0	374.8	380.5	383.0	385.1	380.5	376.0
27.5°	302.6	317.0	331.1	345.5	359.5	369.8	380.1	383.0	385.5	382.2	378.5
30°	289.4	305.1	320.8	336.4	352.1	367.8	383.0	396.6	409.8	408.6	407.3
32.5°	287.4	298.1	308.8	319.5	330.2	340.1	349.6	350.4	350.9	347.6	343.8
35°	278.7	285.7	292.7	299.7	306.7	312.9	318.7	317.9	317.0	313.7	310.5
37.5°	270.9	277.9	285.3	292.3	299.3	310.0	320.3	318.3	315.8	312.5	309.2
40°	269.6	277.5	285.3	292.7	300.6	310.5	320.3	318.3	316.2	312.1	308.0
42.5°	266.7	274.6	282.0	289.8	297.3	309.2	320.8	317.0	312.9	309.6	306.3
45°	259.3	266.3	273.3	280.4	287.4	300.1	312.9	308.4	303.9	302.6	301.0
47.5°	249.4	256.4	263.5	270.5	277.5	290.2	302.6	298.9	294.8	294.4	293.5
50°	238.7	245.3	252.3	258.9	265.5	278.3	290.7	287.4	284.1	284.5	284.5
52.5°	228.8	235.0	240.8	247.0	252.7	265.5	277.9	275.4	272.5	273.3	273.8
55°	219.3	224.3	229.2	234.2	239.1	251.5	263.9	260.2	256.4	257.7	258.9
57.5°	209.0	213.2	217.3	221.0	225.1	237.5	249.4	245.3	240.8	242.8	244.5
60°	197.5	201.2	204.9	208.2	211.9	223.0	233.8	230.1	225.9	228.8	231.3
62.5°	185.5	188.4	191.3	194.2	197.1	207.4	217.7	214.8	211.9	215.2	218.1
65°	173.2	175.2	177.7	179.8	181.8	191.7	201.2	199.1	197.1	200.0	202.8
67.5°	159.6	161.2	163.3	164.9	166.6	175.6	184.7	182.6	180.2	182.6	184.7
70°	144.7	146.4	147.6	149.2	150.5	158.7	167.0	164.1	160.8	163.3	165.3
72.5°	129.9	130.7	131.9	132.8	133.6	139.8	145.9	143.5	141.0	143.5	145.5
75°	112.1	113.0	113.8	114.6	115.4	120.8	125.7	122.9	119.6	122.0	124.5
77.5°	94.0	94.4	95.2	95.7	96.1	99.8	103.1	100.2	96.9	99.8	102.7
80°	73.0	73.4	73.8	73.8	74.2	75.4	76.7	74.6	72.1	75.9	79.6
82.5°	53.6	53.2	53.2	52.8	52.4	52.4	51.9	50.7	49.1	52.4	55.7
85°	30.9	30.5	29.7	29.3	28.4	27.2	26.0	25.6	25.1	28.0	30.9
87.5°	3.3	2.9	2.1	1.6	0.8	0.4	0.0	0.0	0.0	1.6	3.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P596290

CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9
2.5°	914.0	907.4	901.3	895.1	888.9	882.7	894.2	905.8	917.3	928.9	939.2
5°	965.2	963.1	957.7	952.8	947.4	942.1	945.0	948.3	951.1	954.0	960.2
7.5°	814.7	812.2	823.7	834.9	846.4	857.6	860.4	862.9	865.8	868.3	866.6
10°	738.4	759.4	764.8	769.7	775.1	780.0	788.3	796.5	804.4	812.6	817.1
12.5°	676.6	688.1	707.1	726.4	745.4	764.4	776.7	789.1	801.5	813.9	839.4
15°	600.7	610.2	624.6	639.0	653.5	667.9	685.6	703.8	721.5	739.2	767.3
17.5°	482.4	486.5	497.2	507.9	518.2	529.0	552.9	576.4	600.3	623.8	655.9
20°	404.9	400.3	400.3	400.7	400.7	400.7	424.7	448.2	472.1	495.6	538.0
22.5°	379.7	378.5	373.9	369.0	364.5	359.5	371.9	384.7	397.0	409.4	444.0
25°	371.1	366.5	360.7	355.0	349.2	343.4	351.3	359.1	366.9	374.8	402.0
27.5°	375.2	371.5	374.4	376.8	379.7	382.2	384.7	387.1	389.6	392.1	401.6
30°	406.1	404.9	409.4	413.5	418.1	422.2	416.4	411.0	405.3	399.5	402.8
32.5°	340.5	336.8	335.2	333.5	331.9	330.2	329.8	329.4	328.6	328.2	335.6
35°	307.2	303.9	301.4	298.9	296.0	293.5	294.8	295.6	296.8	297.7	305.9
37.5°	305.9	302.6	299.7	296.8	293.5	290.7	291.9	293.5	294.8	296.0	302.2
40°	303.9	299.7	298.1	296.4	294.8	293.1	294.0	294.8	295.2	296.0	300.6
42.5°	302.6	299.3	298.5	297.7	296.8	296.0	296.8	297.7	298.1	298.9	304.3
45°	299.7	298.1	298.9	299.7	300.6	301.4	301.4	301.4	301.4	301.4	307.2
47.5°	293.1	292.3	294.8	297.3	299.7	302.2	306.3	310.5	314.2	318.3	319.5
50°	284.9	284.9	289.0	293.1	296.8	301.0	310.9	320.3	330.2	339.7	333.5
52.5°	274.6	275.0	281.2	287.0	293.1	298.9	308.0	317.0	325.7	334.8	325.7
55°	259.7	261.0	268.8	276.2	284.1	291.5	298.5	305.5	312.5	319.5	310.0
57.5°	246.5	248.2	256.4	264.3	272.5	280.4	284.5	289.0	293.1	297.3	291.1
60°	234.2	236.7	247.4	258.1	268.4	279.1	275.8	272.5	268.8	265.5	265.1
62.5°	221.4	224.3	234.2	244.1	253.6	263.5	258.5	253.6	248.2	243.2	245.3
65°	205.3	208.2	212.7	217.3	221.4	225.9	225.5	225.5	225.1	224.7	228.8
67.5°	187.2	189.2	192.1	194.6	197.5	200.0	201.6	203.7	205.3	207.0	211.9
70°	167.8	169.9	172.7	175.2	178.1	180.6	182.6	184.7	186.4	188.4	193.4
72.5°	148.0	150.1	153.0	155.8	158.3	161.2	162.9	164.5	165.7	167.4	171.5
75°	127.0	129.5	132.3	134.8	137.7	140.2	141.4	142.7	143.9	145.1	148.8
77.5°	105.5	108.4	111.3	114.2	117.1	120.0	120.4	120.8	121.2	121.6	124.9
80°	82.9	86.6	89.5	92.4	95.2	98.1	98.1	98.1	98.1	98.1	99.8
82.5°	59.0	62.3	65.6	68.4	71.7	74.6	74.6	74.2	74.2	73.8	73.8
85°	33.8	36.7	38.8	41.2	43.3	45.4	45.4	45.4	44.9	44.9	44.1
87.5°	5.4	7.0	7.8	9.1	9.9	10.7	10.3	10.3	9.9	9.5	8.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9
2.5°	949.5	959.8	970.1	968.5	966.8	965.2	963.5	969.7	975.5	981.7	987.4
5°	966.0	972.2	977.9	982.5	987.0	991.5	996.1	1017.1	1037.7	1058.7	1079.4
7.5°	865.0	862.9	861.3	880.6	900.4	919.8	939.2	966.0	992.8	1019.6	1046.4
10°	821.7	826.2	830.8	838.6	846.8	854.7	862.5	888.9	915.3	941.7	968.0
12.5°	864.6	890.1	915.3	921.5	928.1	934.2	940.4	945.8	951.1	956.1	961.4
15°	795.3	823.3	851.4	867.4	883.5	899.2	915.3	955.7	995.7	1036.1	1076.1
17.5°	687.7	719.8	751.6	791.2	830.8	870.3	909.9	947.0	984.1	1020.8	1057.9
20°	580.5	622.6	665.0	708.3	751.2	794.5	837.4	873.6	909.9	945.8	982.1
22.5°	478.3	512.9	547.1	599.9	652.2	705.0	757.4	825.0	892.2	959.8	1027.0
25°	428.8	456.0	482.8	537.2	591.6	645.6	700.1	787.9	875.3	963.1	1050.5
27.5°	411.5	420.9	430.4	479.9	529.0	578.4	627.5	722.3	817.1	911.6	1006.4
30°	406.1	409.4	412.7	451.5	490.2	529.0	567.7	661.3	755.3	848.9	942.5
32.5°	342.6	350.0	357.0	395.0	432.5	470.4	507.9	602.3	696.3	790.8	884.8
35°	314.2	322.4	330.7	367.8	404.9	441.6	478.7	578.0	677.8	777.2	876.5
37.5°	308.4	314.6	320.8	362.8	404.9	446.9	489.0	589.6	690.2	790.8	891.4
40°	305.5	310.0	314.6	355.4	396.6	437.4	478.3	583.8	688.9	794.5	899.6
42.5°	309.2	314.6	319.5	356.6	393.3	430.4	467.1	576.4	685.2	794.5	903.3
45°	312.5	318.3	323.6	358.3	392.9	427.5	462.2	578.8	695.1	811.8	928.1
47.5°	320.3	321.6	322.4	352.5	382.2	412.3	442.0	560.7	679.4	797.8	916.5
50°	326.9	320.8	314.2	345.5	376.4	407.7	438.7	551.2	663.8	775.9	888.5
52.5°	316.6	307.2	298.1	331.9	365.7	399.1	432.9	545.5	658.4	771.0	883.5
55°	301.0	291.5	282.0	316.2	350.4	384.7	418.9	531.0	643.6	755.7	867.9
57.5°	285.3	279.1	272.9	301.0	329.4	357.5	385.5	507.1	628.3	749.9	871.2
60°	264.7	263.9	263.5	285.3	307.6	329.4	351.3	470.4	589.2	708.3	827.0
62.5°	247.0	249.0	250.7	268.4	286.1	303.4	321.2	436.2	551.6	666.7	781.7
65°	233.4	237.5	241.6	261.8	282.0	301.8	322.0	418.5	514.9	611.4	707.9
67.5°	216.9	221.8	226.8	253.1	279.5	305.9	332.3	411.9	491.4	571.0	650.6
70°	197.9	202.8	207.4	241.2	274.6	308.4	341.8	412.3	483.2	553.7	624.2
72.5°	175.6	179.8	183.9	220.2	256.4	292.7	329.0	388.8	448.6	507.9	567.7
75°	153.0	156.7	160.4	191.7	223.0	254.4	285.7	331.9	377.7	423.8	469.6
77.5°	127.8	131.1	134.0	155.0	176.0	197.1	218.1	253.6	288.6	324.1	359.1
80°	101.4	103.1	104.7	117.1	129.0	141.4	153.4	176.9	200.4	223.5	247.0
82.5°	74.2	74.2	74.2	82.0	90.3	98.1	106.0	117.9	129.5	141.4	153.0
85°	43.3	42.1	41.2	46.6	51.9	57.3	62.7	67.6	72.6	77.5	82.5
87.5°	7.0	5.4	4.1	7.4	10.7	14.0	17.3	19.0	21.0	22.7	24.3
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: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**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: P596290

CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9
2.5°	973.4	959.8	945.8	931.8	952.4	973.0	993.6	1014.2	1069.1	1101.6	1103.7
5°	1096.7	1114.0	1131.3	1148.6	1165.9	1183.3	1200.2	1217.5	1306.5	1361.4	1371.7
7.5°	1074.8	1103.7	1132.1	1160.6	1209.6	1258.7	1307.8	1356.8	1432.3	1486.7	1522.6
10°	1003.5	1039.0	1074.4	1109.9	1168.0	1226.5	1284.7	1342.8	1422.8	1494.5	1528.8
12.5°	1017.9	1074.4	1130.5	1187.0	1237.3	1288.0	1338.3	1388.6	1443.8	1471.0	1533.3
15°	1115.2	1154.4	1193.6	1232.7	1308.6	1384.0	1459.9	1535.3	1566.7	1628.9	1685.0
17.5°	1130.1	1201.8	1274.0	1345.7	1438.5	1531.2	1624.0	1716.8	1774.9	1855.3	1922.9
20°	1083.9	1185.3	1287.2	1388.6	1508.1	1628.1	1747.7	1867.2	1941.0	2008.7	2113.4
22.5°	1139.1	1251.3	1363.0	1475.2	1633.9	1792.2	1950.9	2109.3	2263.4	2414.3	2485.3
25°	1200.2	1350.2	1499.9	1649.6	1847.9	2045.8	2244.1	2442.0	2640.3	2781.7	2863.3
27.5°	1157.3	1307.8	1458.7	1609.1	1854.5	2100.2	2345.5	2590.8	2803.1	2973.4	3043.5
30°	1127.2	1311.9	1496.6	1681.3	1969.1	2256.8	2544.6	2832.4	3028.6	3218.7	3321.8
32.5°	1121.8	1358.9	1595.5	1832.6	2167.8	2502.6	2837.8	3172.5	3302.8	3471.4	3610.4
35°	1136.7	1397.2	1657.4	1917.5	2301.8	2686.0	3069.9	3454.1	3639.2	3806.2	3927.8
37.5°	1182.0	1472.7	1762.9	2053.6	2516.6	2980.0	3443.0	3906.0	4216.4	4521.9	4576.4
40°	1207.6	1516.0	1823.9	2131.9	2670.4	3208.8	3747.3	4285.7	4642.7	4977.9	5000.6
42.5°	1237.7	1572.0	1906.0	2240.4	2837.3	3434.7	4031.7	4628.7	5070.7	5431.0	5441.8
45°	1272.3	1616.2	1960.4	2304.3	2927.6	3550.6	4174.0	4796.9	5331.3	5769.1	5662.3
47.5°	1285.9	1655.7	2025.1	2394.6	3059.2	3723.3	4388.0	5052.1	5531.6	5929.9	5827.7
50°	1291.3	1694.5	2097.3	2500.1	3188.6	3877.5	4566.1	5254.6	5742.3	6130.7	5974.0
52.5°	1324.7	1765.8	2207.0	2648.1	3365.5	4082.9	4800.2	5517.6	5997.5	6370.6	6176.0
55°	1369.6	1871.4	2372.7	2874.5	3617.0	4359.1	5101.6	5843.7	6325.3	6672.4	6431.2
57.5°	1411.3	1951.8	2491.9	3031.9	3801.3	4571.0	5340.3	6109.7	6597.4	6940.8	6707.1
60°	1391.1	1955.1	2519.1	3083.1	3839.2	4594.9	5351.0	6106.8	6660.5	7072.3	6952.8
62.5°	1330.0	1878.4	2426.3	2974.6	3692.4	4409.8	5127.6	5845.0	6493.1	7021.2	7015.9
65°	1212.5	1717.2	2221.4	2726.0	3390.2	4054.8	4719.0	5383.2	6147.2	6788.7	6830.3
67.5°	1069.5	1488.3	1907.2	2326.1	2951.5	3577.0	4202.4	4827.9	5644.6	6352.5	6388.4
70°	930.9	1238.1	1544.8	1851.6	2400.7	2949.9	3498.7	4047.8	4872.8	5588.9	5621.9
72.5°	768.5	969.3	1169.7	1370.4	1815.3	2260.1	2704.6	3149.4	3873.8	4424.6	4610.6
75°	588.7	707.9	827.0	946.2	1306.1	1666.0	2025.6	2385.5	2867.0	3273.5	3483.0
77.5°	420.9	482.8	544.6	606.5	912.4	1218.3	1523.8	1829.7	2082.9	2313.3	2454.7
80°	276.2	305.1	334.4	363.2	617.6	872.0	1126.0	1380.3	1534.5	1658.2	1729.5
82.5°	167.4	181.8	195.8	210.3	416.4	622.6	828.3	1034.4	1122.7	1181.6	1245.1
85°	90.3	98.1	106.0	113.8	246.1	378.1	510.4	642.3	651.0	658.0	752.4
87.5°	26.4	28.9	30.9	33.0	54.4	76.3	97.7	119.2	74.2	46.2	94.8
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: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P596290

CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9
2.5°	1091.7	1086.4	1081.0	1075.2	1069.9	1047.2	1024.9	1002.3	979.6	1001.4	1022.9
5°	1359.7	1376.2	1392.3	1408.8	1425.3	1426.5	1427.3	1428.6	1429.4	1433.5	1437.6
7.5°	1552.7	1581.9	1610.8	1640.1	1669.3	1692.0	1714.7	1737.8	1760.5	1739.8	1719.2
10°	1569.2	1631.0	1692.8	1754.7	1816.5	1827.7	1838.4	1849.5	1860.6	1875.5	1889.9
12.5°	1585.6	1661.1	1736.1	1811.6	1887.0	1920.0	1952.6	1985.6	2018.1	2034.2	2049.9
15°	1760.0	1804.6	1848.7	1893.2	1937.3	1960.0	1982.3	2004.9	2027.6	2041.2	2054.4
17.5°	1984.3	2000.8	2016.9	2033.4	2049.9	2065.1	2080.4	2095.6	2110.9	2113.4	2115.8
20°	2188.8	2192.1	2195.0	2198.3	2201.2	2169.0	2137.3	2105.1	2073.0	2078.7	2084.1
22.5°	2495.6	2477.4	2459.7	2441.6	2423.8	2363.2	2303.0	2242.4	2182.2	2156.3	2130.7
25°	2957.3	2911.1	2865.0	2818.8	2772.6	2676.1	2580.1	2483.6	2387.5	2331.1	2275.0
27.5°	3106.2	3005.6	2905.4	2804.8	2704.2	2631.2	2558.6	2485.7	2413.1	2323.6	2234.2
30°	3407.1	3248.4	3090.1	2931.3	2772.6	2702.1	2631.6	2560.7	2490.2	2398.7	2307.6
32.5°	3673.9	3509.0	3344.0	3178.7	3013.8	2880.2	2746.6	2613.1	2479.5	2417.6	2355.8
35°	3982.7	3775.3	3567.9	3360.5	3153.2	3038.5	2924.3	2809.7	2695.5	2601.9	2508.8
37.5°	4432.5	4211.9	3991.3	3770.3	3549.8	3394.8	3240.1	3085.1	2930.5	2879.0	2827.9
40°	4861.3	4600.7	4340.5	4080.0	3819.8	3701.1	3582.3	3463.2	3344.5	3257.5	3170.5
42.5°	5220.4	4962.7	4705.4	4447.7	4190.5	4103.9	4017.7	3931.1	3845.0	3773.2	3701.5
45°	5343.6	5133.4	4923.5	4713.2	4503.0	4472.5	4442.4	4411.9	4381.8	4328.6	4275.4
47.5°	5541.9	5327.5	5113.6	4899.2	4684.8	4695.9	4707.1	4718.6	4729.7	4732.6	4735.1
50°	5658.6	5454.9	5251.7	5048.0	4844.8	4898.8	4952.4	5006.4	5060.4	5182.8	5304.9
52.5°	5828.9	5628.9	5429.4	5229.4	5029.5	5121.0	5212.1	5303.6	5394.8	5566.3	5737.8
55°	6042.5	5851.2	5660.3	5469.0	5278.1	5367.1	5455.8	5544.8	5633.5	5824.4	6015.2
57.5°	6325.7	6120.8	5916.3	5711.4	5506.9	5588.9	5670.6	5752.6	5834.2	6015.7	6197.1
60°	6648.1	6425.5	6202.8	5979.8	5757.1	5779.8	5802.1	5824.8	5847.0	6043.7	6239.9
62.5°	6806.4	6600.3	6394.5	6188.4	5982.3	5919.2	5856.1	5792.6	5729.5	5905.6	6081.2
65°	6669.1	6527.3	6385.9	6244.1	6102.2	5990.9	5880.0	5768.7	5657.4	5767.5	5877.1
67.5°	6232.1	6151.7	6071.7	5991.3	5910.9	5724.2	5537.4	5350.2	5163.5	5170.9	5177.9
70°	5523.8	5502.4	5481.3	5459.9	5438.5	5157.7	4877.3	4596.6	4315.8	4272.9	4230.0
72.5°	4626.3	4640.3	4653.9	4667.9	4681.9	4380.1	4078.3	3776.5	3474.7	3403.4	3332.1
75°	3583.2	3660.7	3738.2	3816.1	3893.6	3605.0	3316.4	3027.4	2738.8	2651.0	2563.2
77.5°	2531.8	2676.6	2820.9	2965.6	3110.3	2849.3	2588.7	2327.8	2066.8	2009.9	1953.0
80°	1765.4	1836.3	1907.2	1978.1	2049.1	1918.0	1786.8	1655.7	1524.6	1540.3	1555.6
82.5°	1285.9	1302.4	1318.5	1335.0	1351.5	1297.9	1244.3	1190.3	1136.7	1177.5	1218.3
85°	823.7	882.7	941.2	1000.2	1058.7	999.4	940.0	880.2	820.9	848.1	875.3
87.5°	184.3	291.5	398.7	506.3	613.5	555.8	498.5	440.7	383.0	357.0	331.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P596290

CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9
2.5°	1044.7	1066.6	1060.0	1053.8	1047.2	1040.6	1052.6	1064.5	1076.9	1088.8	1084.7
5°	1442.2	1446.3	1407.1	1368.4	1329.2	1290.0	1314.4	1338.7	1363.0	1387.3	1378.7
7.5°	1698.6	1678.0	1655.3	1632.6	1609.6	1586.9	1581.9	1577.0	1571.6	1566.7	1560.1
10°	1904.8	1919.2	1904.3	1889.9	1875.1	1860.2	1825.6	1791.0	1755.9	1721.3	1706.9
12.5°	2066.0	2082.0	2085.8	2089.0	2092.8	2096.5	2057.7	2019.4	1980.6	1941.9	1906.8
15°	2068.0	2081.6	2093.6	2105.1	2117.1	2128.6	2104.7	2081.2	2057.3	2033.4	2022.3
17.5°	2118.7	2121.2	2111.3	2101.8	2091.9	2082.5	2073.0	2063.9	2054.4	2045.3	2027.6
20°	2089.9	2095.6	2094.4	2093.2	2091.5	2090.3	2091.1	2091.5	2092.3	2092.8	2082.9
22.5°	2104.7	2078.7	2084.1	2089.0	2094.4	2099.4	2114.2	2129.0	2144.3	2159.1	2198.7
25°	2218.5	2162.0	2153.4	2145.1	2136.5	2128.2	2167.0	2205.3	2244.1	2282.8	2347.1
27.5°	2144.3	2054.8	2035.0	2015.2	1995.5	1975.7	2034.6	2093.2	2152.1	2211.1	2276.6
30°	2216.0	2124.9	2081.2	2037.5	1993.4	1949.7	2006.2	2062.3	2118.7	2174.8	2247.4
32.5°	2294.0	2232.1	2202.8	2174.0	2144.7	2115.8	2120.4	2124.9	2129.5	2134.0	2236.2
35°	2415.2	2321.6	2292.7	2263.9	2235.0	2206.1	2254.4	2302.2	2350.4	2398.3	2484.8
37.5°	2776.3	2724.8	2672.8	2620.9	2568.5	2516.6	2545.0	2573.5	2601.9	2630.4	2712.0
40°	3083.5	2996.5	2987.8	2979.6	2970.9	2962.3	2964.7	2966.8	2969.3	2971.8	3041.4
42.5°	3629.3	3557.6	3513.5	3469.4	3425.3	3381.2	3378.3	3375.4	3372.1	3369.2	3421.6
45°	4221.8	4168.6	4135.6	4102.6	4069.3	4036.3	3983.9	3931.6	3878.8	3826.4	3872.2
47.5°	4738.0	4740.9	4800.6	4860.0	4919.8	4979.6	4890.1	4800.6	4711.2	4621.7	4562.8
50°	5427.3	5549.4	5563.8	5577.8	5592.2	5606.7	5454.9	5303.6	5151.9	5000.2	4938.4
52.5°	5909.7	6081.2	6058.9	6037.1	6014.8	5992.6	5904.7	5817.3	5729.5	5641.7	5506.9
55°	6206.5	6397.4	6380.5	6364.0	6347.1	6330.2	6266.3	6202.4	6138.5	6074.6	5926.6
57.5°	6378.5	6559.9	6564.8	6569.8	6574.7	6579.7	6562.8	6545.9	6528.9	6512.0	6319.5
60°	6436.6	6633.3	6635.3	6637.0	6639.0	6640.7	6613.9	6587.1	6559.9	6533.1	6407.3
62.5°	6257.3	6432.9	6440.7	6448.1	6456.0	6463.8	6445.3	6426.7	6408.1	6389.6	6296.4
65°	5987.2	6097.3	6099.3	6101.0	6103.1	6105.1	6058.1	6011.5	5964.5	5917.5	5895.3
67.5°	5185.3	5192.7	5236.4	5280.1	5323.8	5367.5	5371.3	5375.0	5379.1	5382.8	5350.6
70°	4187.2	4144.3	4191.7	4239.1	4286.5	4333.9	4354.1	4374.3	4395.0	4415.2	4430.0
72.5°	3260.4	3189.0	3224.1	3259.1	3294.6	3329.6	3299.5	3269.4	3239.3	3209.2	3304.5
75°	2475.4	2387.5	2383.0	2378.9	2374.4	2370.2	2355.0	2339.7	2324.1	2308.8	2397.9
77.5°	1895.7	1838.8	1841.7	1844.2	1847.0	1849.5	1833.8	1818.6	1802.9	1787.3	1821.5
80°	1571.2	1586.5	1586.9	1587.3	1587.7	1588.1	1573.3	1558.9	1544.0	1529.2	1504.4
82.5°	1259.5	1300.3	1299.9	1299.9	1299.5	1299.1	1298.3	1297.5	1296.2	1295.4	1255.0
85°	902.5	929.7	901.7	873.6	845.6	817.6	838.2	858.8	879.8	900.4	883.5
87.5°	305.5	279.9	246.5	213.6	180.2	146.8	182.6	218.5	254.8	290.7	311.3
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: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P596290

CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9	895.9
2.5°	1081.0	1076.9	1073.2	1047.2	1020.8	994.8	968.5	1016.3	1064.5	1112.3	1160.2
5°	1370.4	1361.8	1353.5	1351.5	1349.4	1346.9	1344.9	1369.2	1393.5	1417.4	1441.8
7.5°	1553.5	1546.9	1540.3	1523.0	1506.1	1488.8	1471.4	1486.3	1500.7	1515.6	1530.0
10°	1692.8	1678.4	1664.0	1626.5	1589.4	1551.8	1514.3	1503.2	1492.1	1480.9	1469.8
12.5°	1871.8	1836.3	1801.3	1758.8	1715.9	1673.5	1630.6	1624.8	1619.0	1613.7	1607.9
15°	2011.5	2000.4	1989.3	1955.5	1921.7	1887.9	1854.0	1808.7	1762.9	1717.6	1672.2
17.5°	2010.3	1992.6	1975.3	2020.6	2065.5	2110.9	2155.8	2107.6	2059.0	2010.7	1962.5
20°	2073.0	2062.7	2052.8	2136.5	2219.7	2303.4	2386.7	2360.3	2333.5	2307.1	2280.3
22.5°	2237.9	2277.5	2316.6	2388.4	2459.7	2531.4	2602.8	2632.9	2662.9	2693.0	2723.1
25°	2411.0	2475.4	2539.7	2646.5	2752.8	2859.6	2966.4	2987.8	3009.3	3030.7	3052.1
27.5°	2341.8	2407.3	2472.9	2553.7	2634.1	2714.9	2795.3	2889.3	2983.7	3077.7	3171.7
30°	2319.5	2392.1	2464.2	2575.1	2685.6	2796.5	2907.4	3036.9	3166.3	3295.4	3424.9
32.5°	2338.1	2440.3	2542.6	2692.6	2842.3	2992.4	3142.4	3278.5	3415.0	3551.0	3687.1
35°	2571.0	2657.6	2743.8	2911.6	3079.4	3247.2	3415.0	3574.5	3734.1	3893.2	4052.8
37.5°	2793.2	2874.9	2956.5	3128.0	3299.1	3470.6	3642.1	3894.0	4146.4	4398.3	4650.2
40°	3110.7	3180.4	3249.6	3396.4	3543.2	3690.0	3836.7	4140.6	4444.4	4748.3	5052.1
42.5°	3473.5	3525.9	3577.8	3729.9	3882.1	4034.2	4186.3	4517.0	4848.1	5178.7	5509.4
45°	3917.5	3963.3	4009.1	4113.8	4218.5	4323.6	4428.4	4769.3	5110.3	5451.2	5792.2
47.5°	4503.8	4444.8	4385.9	4437.4	4489.0	4540.5	4592.0	4929.3	5266.5	5603.4	5940.6
50°	4876.5	4814.7	4752.8	4757.4	4761.5	4766.0	4770.6	5085.1	5399.7	5713.9	6028.4
52.5°	5372.1	5236.8	5102.0	5100.8	5099.6	5097.9	5096.7	5370.8	5645.4	5919.6	6193.8
55°	5778.6	5630.6	5482.6	5453.7	5424.8	5395.6	5366.7	5638.0	5908.9	6180.2	6451.0
57.5°	6127.0	5934.0	5741.5	5696.1	5650.8	5605.4	5560.1	5852.4	6145.1	6437.4	6729.7
60°	6282.0	6156.2	6030.9	5975.2	5919.6	5863.9	5808.3	6057.3	6306.3	6554.9	6803.9
62.5°	6203.7	6110.5	6017.7	6030.5	6043.3	6056.1	6068.8	6211.1	6353.7	6496.0	6638.2
65°	5873.4	5851.2	5829.3	5932.4	6035.4	6138.5	6241.6	6243.6	6245.7	6247.8	6249.8
67.5°	5318.5	5286.3	5254.2	5468.5	5682.5	5896.9	6111.3	6009.5	5907.6	5806.2	5704.4
70°	4444.4	4459.3	4473.7	4765.6	5057.1	5349.0	5640.9	5493.3	5345.3	5197.7	5049.7
72.5°	3399.7	3495.4	3590.6	3893.2	4195.8	4498.4	4801.1	4632.4	4463.4	4294.8	4125.7
75°	2486.9	2576.0	2665.0	2963.9	3262.8	3562.1	3861.1	3660.7	3460.3	3260.4	3060.0
77.5°	1855.7	1890.3	1924.5	2173.2	2421.4	2670.0	2918.2	2717.0	2515.8	2315.0	2113.8
80°	1480.1	1455.4	1431.0	1568.7	1706.4	1844.2	1981.9	1839.2	1696.1	1553.5	1410.8
82.5°	1215.0	1174.6	1134.6	1185.7	1236.9	1288.4	1339.5	1225.3	1111.1	996.9	882.7
85°	866.6	849.7	832.8	847.7	862.1	876.9	891.8	780.5	669.1	558.2	446.9
87.5°	331.5	352.1	372.7	396.2	419.3	442.8	465.9	364.9	263.9	163.3	62.3
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: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**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: P596290  
 CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	895.9	895.9
2.5°	1180.0	1199.7
5°	1441.3	1440.9
7.5°	1523.4	1516.4
10°	1451.7	1433.5
12.5°	1554.3	1500.3
15°	1618.6	1564.6
17.5°	1881.3	1799.6
20°	2183.5	2086.2
22.5°	2575.1	2427.1
25°	2875.3	2698.0
27.5°	3066.6	2961.0
30°	3304.1	3183.3
32.5°	3598.0	3508.5
35°	3971.1	3889.1
37.5°	4624.6	4598.6
40°	5021.2	4989.9
42.5°	5510.6	5511.4
45°	5810.7	5829.3
47.5°	5987.6	6034.2
50°	6128.6	6228.4
52.5°	6330.2	6466.7
55°	6632.4	6813.4
57.5°	6883.9	7038.1
60°	6883.9	6963.5
62.5°	6636.1	6633.7
65°	6211.5	6172.7
67.5°	5655.7	5607.1
70°	4973.8	4897.5
72.5°	4031.3	3936.5
75°	2930.1	2799.8
77.5°	2051.9	1989.7
80°	1440.9	1471.0
82.5°	925.6	968.5
85°	440.3	433.7
87.5°	51.9	41.6
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: P596290  
CATALOG NUMBER: MSA-SA2D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)