

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: P367272

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

Issue Date: 12/2/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P367272  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 12/2/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: MSA-SA2B-727-U-SLR  
Description: MESA POST TOP DECORATIVE LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7136 lumens  
Efficiency: N/A  
Efficacy: 84.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2

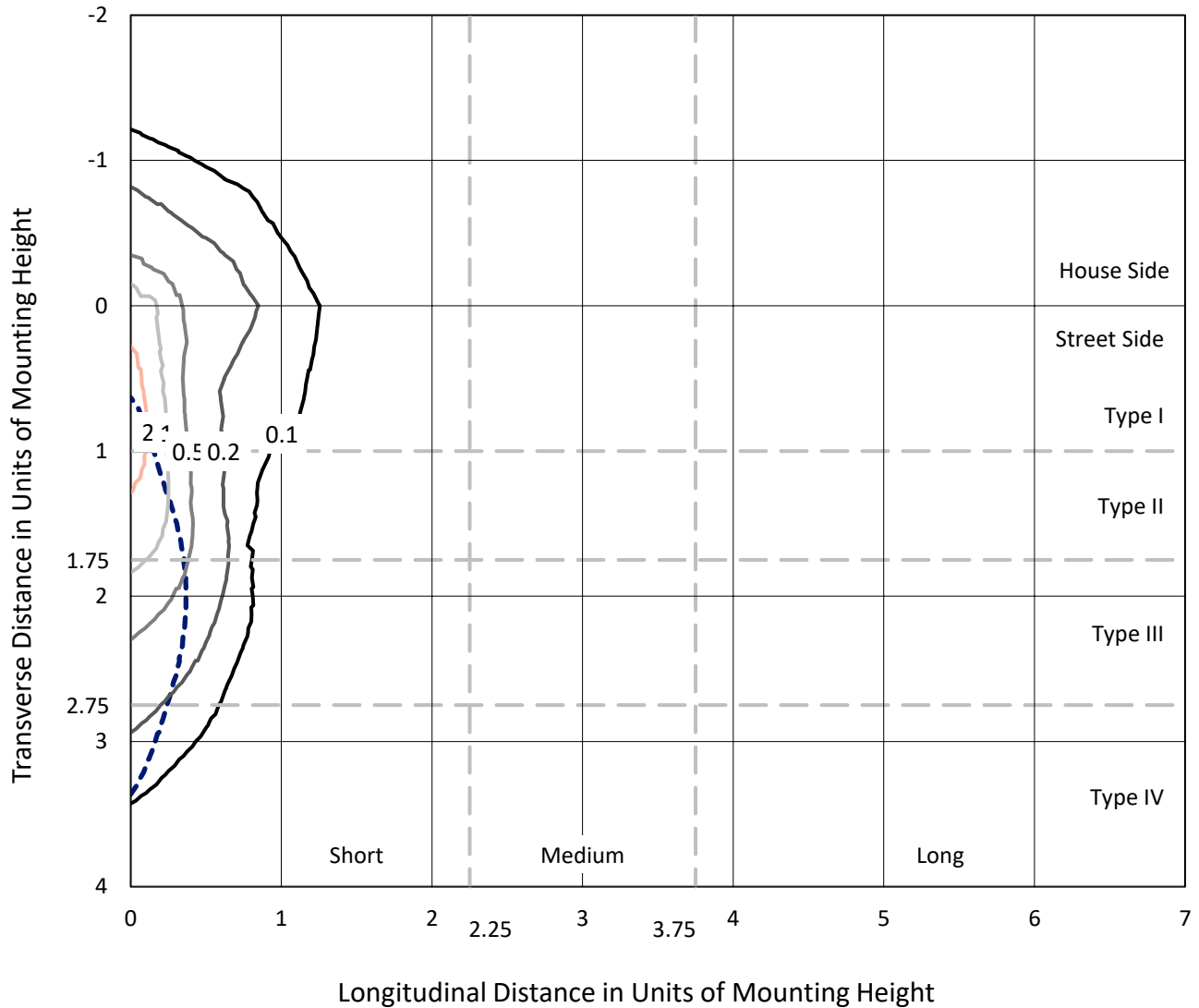
Input Watts (W): 85  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

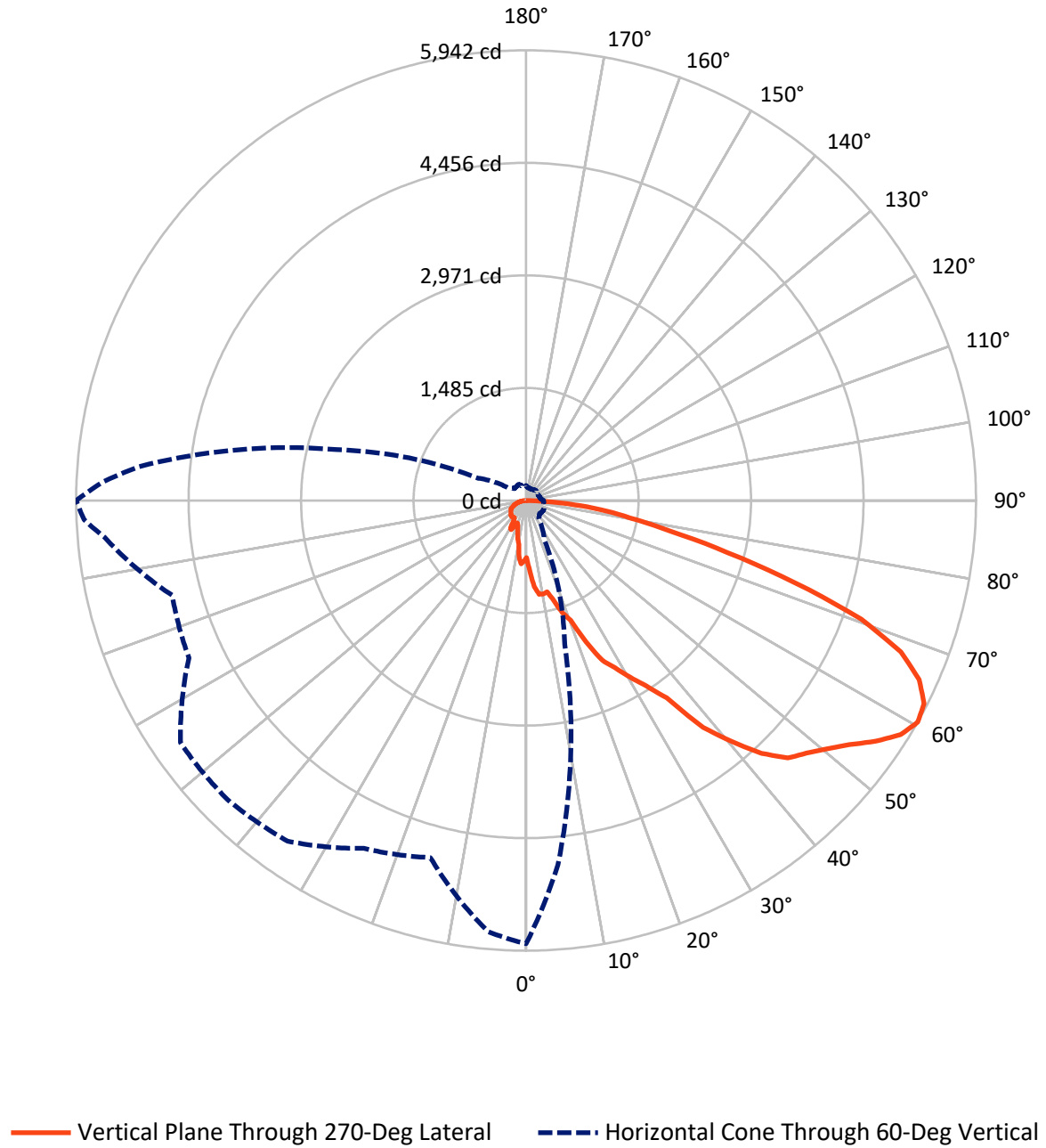
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3 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	1382.1	0.0	1382.1
	% Fixture	19.4	0.0	19.4
<b>Street Side</b>	Lumens	5753.9	0.0	5753.9
	% Fixture	80.6	0.0	80.6
<b>Total</b>	Lumens	7136.0	0.0	7136.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	86.3	1.2
10°-20°	250.7	3.5
20°-30°	442.6	6.2
30°-40°	689.4	9.7
40°-50°	1135.0	15.9
50°-60°	1620.0	22.7
60°-70°	1717.8	24.1
70°-80°	948.8	13.3
80°-90°	245.5	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°	7136.0	100.0
0°-180°	7136.0	100.0

**Coefficient of Utilization**



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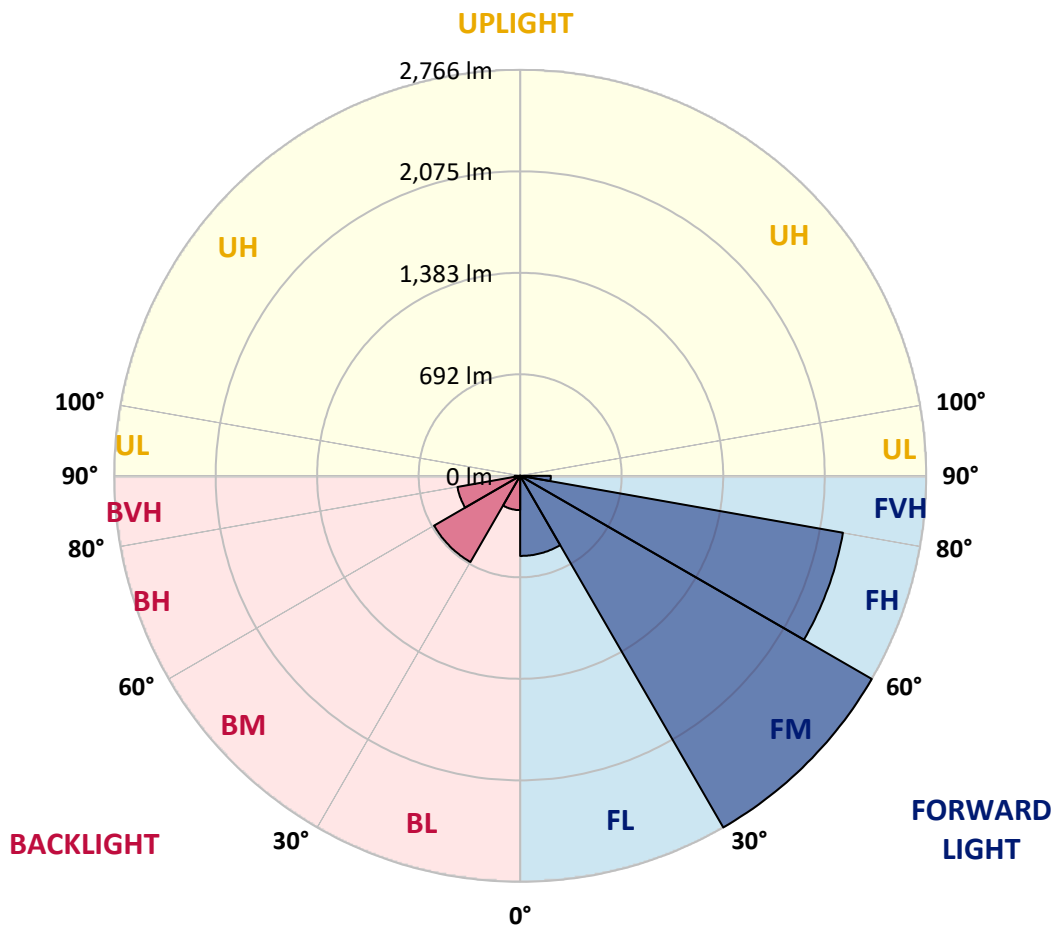
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	546.0	7.7			
FM (30°-60°)	2766.4	38.8			
FH (60°-80°)	2232.9	31.3			G2/5000
FVH (80°-90°)	208.6	2.9			G2/225
BL (0°-30°)	233.6	3.3	B1/500		
BM (30°-60°)	678.0	9.5	B1/1000		
BH (60°-80°)	433.7	6.1	B1/500		G1/500
BVH (80°-90°)	36.8	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7
2.5°	1007.9	1014.2	1020.1	1008.3	996.5	984.4	972.6	954.9	936.9	919.3	901.3
5°	1210.6	1187.7	1164.5	1155.1	1146.1	1136.8	1127.4	1118.8	1110.1	1101.1	1092.5
7.5°	1273.9	1241.4	1208.5	1194.6	1180.8	1166.6	1152.7	1121.5	1090.4	1058.9	1027.7
10°	1204.3	1170.4	1136.1	1122.6	1108.7	1095.2	1081.4	1043.3	1005.5	967.4	929.3
12.5°	1260.4	1225.8	1190.8	1147.9	1104.9	1061.6	1018.7	997.5	976.4	954.9	933.8
15°	1314.5	1267.7	1220.6	1177.7	1134.7	1091.4	1048.5	1006.2	963.9	921.7	879.4
17.5°	1511.9	1434.0	1356.0	1278.5	1200.5	1122.9	1045.0	996.2	947.0	898.1	849.0
20°	1752.6	1644.2	1535.5	1417.7	1299.6	1181.8	1063.7	1002.0	940.7	879.1	817.4
22.5°	2039.1	1902.3	1765.4	1616.9	1468.3	1319.3	1170.7	1081.4	992.0	902.3	812.9
25°	2266.6	2135.0	2003.4	1815.0	1626.6	1438.1	1249.7	1148.2	1046.7	944.9	843.4
27.5°	2487.6	2278.1	2068.2	1852.4	1636.9	1421.2	1205.4	1111.5	1017.6	923.8	829.9
30°	2674.3	2508.1	2341.8	2060.2	1778.6	1496.7	1215.1	1099.7	984.4	869.0	753.7
32.5°	2947.6	2710.3	2472.7	2179.0	1885.3	1591.6	1297.8	1150.3	1002.7	855.2	707.6
35°	3267.3	3020.7	2774.1	2410.7	2047.7	1684.4	1321.1	1164.8	1008.3	852.1	695.5
37.5°	3863.4	3428.7	2993.7	2597.1	2200.5	1803.5	1407.0	1225.5	1044.0	862.1	680.6
40°	4192.1	3790.3	3388.5	2894.3	2400.0	1905.4	1411.1	1225.5	1039.5	853.8	667.8
42.5°	4630.3	4122.1	3613.7	3079.2	2545.1	2010.7	1476.2	1270.5	1064.7	858.7	652.9
45°	4897.3	4331.0	3764.3	3193.2	2622.0	2050.9	1479.7	1270.8	1062.0	853.1	644.2
47.5°	5069.5	4525.7	3981.5	3366.7	2751.9	2136.8	1521.9	1300.3	1078.2	856.6	634.5
50°	5232.6	4694.0	4155.1	3516.7	2878.7	2240.3	1602.0	1359.8	1117.7	875.3	633.2
52.5°	5432.8	4936.8	4440.5	3755.7	3070.6	2385.8	1700.7	1437.1	1173.5	909.9	646.3
55°	5724.1	5235.4	4746.3	4011.3	3276.0	2541.0	1805.6	1512.9	1220.6	927.9	635.2
57.5°	5912.9	5417.2	4921.6	4172.0	3422.5	2672.6	1923.0	1598.8	1274.6	950.1	625.9
60°	5850.2	5338.9	4827.4	4112.8	3398.2	2683.7	1969.1	1618.9	1269.1	918.9	568.7
62.5°	5573.1	5029.6	4486.2	3846.1	3206.3	2566.3	1926.2	1570.1	1214.4	858.3	502.2
65°	5185.9	4624.0	4061.9	3484.5	2907.1	2329.7	1752.3	1429.1	1105.6	782.4	458.9
67.5°	4710.6	4124.9	3538.9	3027.6	2516.4	2004.8	1493.5	1223.4	953.6	683.4	413.2
70°	4114.5	3538.9	2963.2	2520.9	2078.6	1636.3	1193.9	990.6	787.6	584.3	381.0
72.5°	3307.1	2810.4	2313.8	1965.6	1617.5	1269.4	921.3	780.0	639.1	497.7	356.4
75°	2352.2	2060.2	1768.2	1497.4	1226.5	955.3	684.4	593.0	501.5	410.1	318.7
77.5°	1671.6	1499.4	1327.3	1115.0	902.6	690.3	478.0	424.3	371.0	317.3	263.6
80°	1235.8	1092.1	948.4	788.3	628.3	468.3	308.3	281.9	256.0	229.6	203.3
82.5°	813.6	748.9	683.7	557.0	430.2	303.4	176.6	167.0	157.3	147.6	137.9
85°	364.4	384.8	404.9	327.3	249.4	171.8	93.9	89.4	84.9	80.4	75.9
87.5°	35.0	51.6	68.2	58.5	48.5	38.8	28.7	28.4	28.4	28.1	27.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	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°	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7
2.5°	906.1	911.0	915.8	920.7	915.5	910.3	904.7	899.5	892.9	886.4	879.4
5°	1077.9	1063.0	1048.5	1033.6	1011.4	989.2	966.7	944.6	941.8	938.7	935.9
7.5°	1000.3	973.3	945.9	918.6	883.9	849.6	815.0	780.4	770.0	759.6	749.2
10°	911.0	892.2	873.9	855.2	833.7	812.2	790.4	768.9	740.5	711.8	683.4
12.5°	903.3	872.9	842.0	811.5	798.4	785.2	772.1	758.9	734.0	709.0	683.7
15°	854.8	829.9	805.3	780.4	761.3	742.3	723.2	704.2	684.1	663.6	643.6
17.5°	820.6	792.1	763.7	735.3	713.5	691.7	669.5	647.7	623.5	598.9	574.6
20°	784.9	752.7	720.1	687.5	659.8	632.5	604.8	577.1	550.4	524.1	497.4
22.5°	770.3	727.7	685.1	642.5	613.4	584.0	554.9	525.4	500.9	476.3	451.7
25°	792.5	741.9	691.0	640.1	601.0	561.5	522.3	482.8	462.4	442.0	421.2
27.5°	766.5	702.8	639.4	575.7	533.8	491.5	449.6	407.3	404.2	401.1	397.6
30°	686.9	620.0	553.2	486.3	447.9	409.1	370.6	331.8	324.5	316.9	309.7
32.5°	639.4	571.2	502.9	434.7	400.4	365.8	331.5	296.8	288.5	280.2	271.9
35°	621.4	547.3	473.1	399.0	369.6	340.1	310.7	281.3	275.4	269.8	263.9
37.5°	606.8	533.4	459.6	385.9	357.5	329.1	300.3	271.9	267.4	262.9	258.4
40°	593.0	518.5	443.7	368.9	343.6	318.7	293.4	268.1	265.3	262.5	259.4
42.5°	580.5	508.1	435.4	363.0	340.5	318.3	295.8	273.3	270.5	267.7	265.0
45°	573.6	502.9	432.3	361.6	345.3	329.1	312.4	296.1	289.6	283.0	276.1
47.5°	568.4	502.2	436.1	369.9	353.0	336.0	319.0	302.0	296.1	290.3	284.0
50°	569.4	506.0	442.3	378.6	358.1	337.4	316.9	296.1	295.5	294.8	294.1
52.5°	578.8	511.6	444.0	376.5	354.3	332.2	309.7	287.5	292.0	296.1	300.6
55°	565.3	495.3	425.0	355.0	333.9	313.1	292.0	270.9	276.7	282.3	288.2
57.5°	550.0	474.2	398.3	322.5	306.5	290.6	274.3	258.4	264.6	271.2	277.4
60°	499.5	430.2	360.9	291.6	280.9	270.2	259.4	248.7	251.5	254.2	257.0
62.5°	444.0	385.5	327.3	268.8	260.5	251.8	243.5	234.8	234.8	235.2	235.2
65°	408.7	358.5	308.3	258.0	248.7	239.3	229.6	220.3	218.9	217.5	216.1
67.5°	373.4	333.9	294.1	254.2	240.7	227.6	214.1	200.5	198.8	197.4	195.7
70°	345.7	310.3	275.0	239.7	224.4	209.6	194.3	179.1	177.7	176.6	175.3
72.5°	323.2	290.3	257.0	223.8	207.8	191.5	175.6	159.3	158.3	157.3	155.9
75°	289.2	260.1	230.7	201.2	185.7	170.4	154.8	139.2	137.9	136.8	135.4
77.5°	239.3	214.7	190.5	165.9	153.8	142.0	129.9	117.8	117.1	116.4	115.3
80°	184.3	165.2	145.8	126.8	118.8	110.5	102.5	94.2	93.9	93.5	92.8
82.5°	126.4	115.0	103.6	92.1	86.2	80.0	74.1	67.9	68.2	68.6	68.9
85°	72.0	67.9	64.1	59.9	55.1	50.6	45.7	40.9	41.9	42.9	43.6
87.5°	26.3	24.9	23.6	22.2	19.7	17.7	15.2	12.8	13.5	14.5	15.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: MSA-SA2B-727-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: P367272  
 CATALOG NUMBER: MSA-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7
2.5°	872.9	862.5	852.1	841.7	831.3	809.8	788.7	767.2	745.7	758.9	772.4
5°	932.8	915.1	897.1	879.4	861.4	851.4	841.3	831.3	821.2	826.4	832.0
7.5°	738.8	728.4	717.7	707.3	696.6	692.0	687.9	683.4	678.9	691.7	704.5
10°	654.6	640.1	625.5	610.7	596.1	587.4	578.8	570.1	561.5	564.9	568.4
12.5°	658.8	637.3	615.8	594.4	572.9	560.1	547.3	534.4	521.6	524.8	527.9
15°	623.1	601.0	578.8	556.6	534.4	519.6	504.3	489.4	474.2	469.0	463.4
17.5°	550.0	525.8	501.5	477.3	453.1	443.0	433.0	422.9	412.9	407.3	401.8
20°	470.7	448.2	425.7	403.2	380.7	373.7	366.8	359.5	352.6	349.1	345.3
22.5°	427.1	413.2	399.0	385.2	371.0	363.0	355.4	347.4	339.4	335.6	331.5
25°	400.8	403.5	406.6	409.4	412.2	408.7	404.9	401.4	397.6	399.0	400.1
27.5°	394.5	400.4	406.6	412.5	418.4	421.5	424.6	427.8	430.9	431.9	433.0
30°	302.0	305.2	307.9	311.0	313.8	322.5	331.1	339.4	348.1	361.6	375.5
32.5°	263.6	262.5	261.5	260.1	259.1	261.2	263.2	265.0	267.1	271.9	277.1
35°	258.0	255.6	252.9	250.4	247.7	248.7	249.7	250.8	251.8	255.6	259.4
37.5°	253.9	252.9	252.2	251.1	250.1	252.5	254.6	257.0	259.1	262.2	265.3
40°	256.7	256.3	256.0	255.3	254.9	256.3	257.7	259.1	260.5	264.6	268.8
42.5°	262.2	262.2	261.9	261.9	261.5	262.9	263.9	265.3	266.4	268.8	271.2
45°	269.5	268.8	268.4	267.7	267.1	266.7	266.7	266.4	266.0	267.4	269.1
47.5°	278.1	275.7	272.9	270.5	267.7	267.1	266.0	265.3	264.3	265.0	265.7
50°	293.4	286.8	280.6	274.0	267.4	265.7	263.9	262.2	260.5	260.1	260.1
52.5°	304.8	295.1	285.4	275.7	266.0	262.9	259.8	256.7	253.5	252.9	252.5
55°	293.7	286.4	279.5	272.2	265.0	260.5	255.6	251.1	246.3	245.2	244.2
57.5°	283.7	279.2	274.7	270.2	265.7	261.2	256.3	251.8	247.0	244.5	242.1
60°	259.8	259.8	260.1	260.1	260.1	255.3	250.4	245.6	240.7	238.3	236.2
62.5°	235.2	239.0	242.5	246.3	249.7	243.2	236.2	229.6	222.7	221.0	219.6
65°	214.7	215.8	217.2	218.2	219.3	214.1	208.9	203.7	198.5	197.4	196.0
67.5°	194.0	193.6	193.3	192.6	192.2	189.1	185.7	182.5	179.1	177.7	176.3
70°	173.9	173.5	173.2	172.5	172.1	169.4	166.6	163.8	161.1	160.0	159.0
72.5°	154.8	154.5	153.8	153.4	152.7	150.3	148.2	145.8	143.4	142.0	140.6
75°	134.0	133.4	132.7	132.0	131.3	129.2	127.1	124.7	122.6	121.2	119.8
77.5°	114.6	113.6	112.6	111.2	110.1	108.4	106.3	104.6	102.5	100.8	99.4
80°	92.5	91.8	91.1	90.1	89.4	87.6	85.9	83.8	82.1	80.0	78.3
82.5°	69.3	68.9	68.2	67.9	67.2	65.5	63.7	62.0	60.3	58.2	56.1
85°	44.7	44.3	44.0	43.6	43.3	41.9	40.9	39.5	38.1	36.0	34.3
87.5°	15.9	15.2	14.9	14.2	13.5	13.2	12.5	12.1	11.4	10.4	9.4
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: P367272  
 CATALOG NUMBER: MSA-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P367272  
 CATALOG NUMBER: MSA-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7
2.5°	785.6	798.7	799.1	799.1	805.3	811.2	799.1	787.0	774.5	762.4	750.2
5°	837.2	842.4	841.0	839.3	831.6	824.0	816.0	808.1	800.1	792.1	792.5
7.5°	717.3	730.1	740.5	750.6	740.9	731.2	726.0	720.8	715.6	710.4	709.7
10°	571.5	575.0	579.1	582.9	577.1	570.8	581.2	591.6	601.6	612.0	600.6
12.5°	531.0	534.1	526.8	519.2	516.8	514.4	511.9	509.2	506.7	504.0	502.6
15°	458.2	452.7	447.2	441.3	439.9	438.2	436.4	434.3	432.6	430.5	424.3
17.5°	396.2	390.7	381.4	371.7	367.8	363.7	362.6	361.6	360.2	359.2	353.3
20°	341.9	338.1	335.6	332.9	329.1	325.2	321.4	317.6	313.5	309.7	304.1
22.5°	327.7	323.5	320.4	316.9	316.2	315.5	308.6	301.3	294.4	287.1	284.0
25°	401.4	402.5	383.4	364.0	362.3	360.6	348.1	335.3	322.8	310.0	299.3
27.5°	433.7	434.7	434.0	433.3	427.8	421.9	400.8	379.3	358.1	336.7	321.4
30°	389.0	402.5	407.7	412.9	409.1	404.9	382.7	360.9	338.7	316.6	306.5
32.5°	281.9	286.8	295.5	303.8	308.3	312.4	305.5	298.6	291.6	284.7	283.0
35°	262.9	266.7	268.4	270.2	267.4	264.6	259.4	254.2	248.7	243.5	242.5
37.5°	268.1	271.2	274.7	278.1	270.5	262.5	256.7	251.1	245.2	239.3	234.5
40°	272.9	277.1	279.2	281.3	273.6	266.0	258.7	251.8	244.5	237.3	232.4
42.5°	273.6	276.1	279.9	283.7	272.9	261.9	255.3	248.3	241.8	234.8	230.0
45°	270.5	271.9	275.4	278.8	266.4	253.5	247.7	241.4	235.5	229.3	225.1
47.5°	266.0	266.7	269.5	271.9	258.7	245.2	239.7	234.1	228.3	222.7	218.6
50°	259.8	259.4	261.5	263.2	249.7	236.2	230.7	225.5	219.9	214.4	210.9
52.5°	251.8	251.1	253.2	254.9	240.7	226.5	221.7	217.2	212.3	207.5	204.7
55°	242.8	241.8	243.5	245.2	231.4	217.2	213.0	208.5	204.4	199.9	197.4
57.5°	239.3	236.9	238.0	239.0	223.4	207.8	203.7	199.5	195.4	191.2	189.5
60°	233.8	231.4	232.4	233.1	216.5	199.5	195.7	191.5	187.7	183.6	181.8
62.5°	217.9	216.1	217.5	218.9	204.0	188.8	185.3	182.2	178.7	175.3	172.8
65°	195.0	193.6	196.4	199.2	186.3	173.5	171.5	169.4	167.0	164.9	162.4
67.5°	174.9	173.5	176.3	179.1	169.7	160.4	158.3	156.2	154.1	152.1	150.7
70°	157.9	156.9	159.3	161.8	153.8	145.8	143.7	142.0	139.9	137.9	136.8
72.5°	138.9	137.5	140.6	143.4	136.8	129.9	128.2	126.1	124.3	122.3	121.6
75°	118.5	117.1	119.8	122.3	117.8	112.9	111.2	109.5	107.7	106.0	105.6
77.5°	97.7	95.9	98.7	101.1	98.4	95.3	93.9	92.1	90.7	89.0	89.0
80°	76.2	74.1	76.2	77.9	76.9	75.9	74.8	73.4	72.4	71.0	71.4
82.5°	54.0	52.0	53.0	54.0	54.7	55.4	55.4	55.4	55.4	55.4	55.4
85°	32.2	30.1	30.5	30.8	31.9	32.9	33.3	33.6	33.9	34.3	34.6
87.5°	8.3	7.3	6.6	5.5	6.6	7.3	8.0	8.3	9.0	9.4	9.4
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: P367272  
 CATALOG NUMBER: MSA-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P367272  
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**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7
2.5°	738.1	725.6	713.5	721.1	728.4	736.0	743.3	743.7	743.7	744.0	744.0
5°	793.2	793.5	793.9	786.6	779.7	772.4	765.1	761.3	757.5	753.4	749.5
7.5°	708.7	708.0	706.9	700.0	693.1	686.2	679.2	662.6	645.6	629.0	612.0
10°	588.8	577.4	565.6	562.9	560.4	557.7	554.9	550.4	546.2	541.7	537.2
12.5°	501.2	499.8	498.4	491.2	483.9	476.3	469.0	469.0	469.0	469.0	469.0
15°	417.7	411.5	404.9	401.4	397.6	394.2	390.4	388.6	386.9	385.2	383.4
17.5°	347.1	341.2	334.9	334.2	333.6	332.9	332.2	330.4	328.7	327.0	325.2
20°	298.6	293.0	287.5	289.6	291.6	293.4	295.5	293.7	292.0	289.9	288.2
22.5°	280.6	277.4	274.0	272.2	270.5	268.4	266.7	266.7	267.1	267.1	267.1
25°	288.9	278.1	267.4	262.2	257.0	251.5	246.3	244.2	242.5	240.4	238.3
27.5°	306.2	290.6	275.4	266.4	257.4	248.3	239.3	235.5	231.4	227.6	223.4
30°	296.1	286.1	275.7	265.3	254.9	244.5	234.1	229.3	224.4	219.3	214.4
32.5°	281.3	279.2	277.4	267.7	258.0	248.0	238.3	236.2	234.5	232.4	230.3
35°	241.1	240.0	238.6	236.2	233.8	231.4	229.0	226.2	223.4	220.6	217.9
37.5°	230.0	225.1	220.3	219.3	218.2	217.2	216.1	215.1	214.1	212.7	211.6
40°	227.6	222.7	217.9	216.1	214.4	212.3	210.6	210.9	211.6	212.0	212.3
42.5°	224.8	219.9	214.7	213.4	212.0	210.6	209.2	209.6	210.2	210.6	210.9
45°	221.3	217.2	213.0	210.6	208.5	206.1	203.7	205.7	207.8	209.6	211.6
47.5°	214.4	209.9	205.7	204.4	203.0	201.2	199.9	201.9	204.0	205.7	207.8
50°	207.1	203.7	199.9	199.5	199.2	198.5	198.1	199.5	200.9	202.3	203.7
52.5°	201.6	198.8	195.7	195.7	195.4	195.4	195.0	196.4	197.8	198.8	200.2
55°	195.4	192.9	190.5	190.8	191.5	191.9	192.2	193.6	195.4	196.7	198.1
57.5°	187.4	185.7	183.6	185.0	186.0	187.4	188.4	189.5	190.8	191.9	192.9
60°	179.8	178.0	176.0	177.3	179.1	180.5	181.8	182.9	183.9	185.0	186.0
62.5°	170.4	167.6	165.2	167.3	169.0	171.1	172.8	173.5	174.6	175.3	176.0
65°	160.4	157.9	155.5	156.9	158.3	159.3	160.7	161.8	162.8	163.8	164.9
67.5°	148.9	147.6	145.8	146.9	147.9	148.9	150.0	150.3	150.3	150.7	150.7
70°	135.4	134.4	133.0	133.7	134.7	135.4	136.1	136.1	136.1	135.8	135.8
72.5°	121.2	120.5	119.8	120.2	120.9	121.2	121.6	121.2	120.9	120.5	120.2
75°	105.3	105.0	104.6	105.0	105.6	106.0	106.3	106.0	105.3	105.0	104.3
77.5°	89.4	89.4	89.4	89.4	89.7	89.7	89.7	89.0	88.3	87.6	86.9
80°	71.7	72.0	72.4	72.4	72.4	72.4	72.4	71.7	71.0	70.0	69.3
82.5°	55.4	55.4	55.4	55.4	55.8	55.8	55.8	54.0	52.6	50.9	49.2
85°	34.6	35.0	35.0	35.3	35.7	35.7	36.0	33.6	31.5	29.1	26.7
87.5°	9.4	9.4	9.4	9.4	9.4	9.0	9.0	6.9	4.5	2.4	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**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





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**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7
2.5°	746.1	748.2	749.9	752.0	752.3	752.7	752.7	753.0	745.7	738.5	730.8
5°	754.7	759.6	764.8	769.6	768.6	767.6	766.5	765.5	763.4	761.7	759.6
7.5°	608.2	604.8	601.0	597.1	600.3	603.4	606.5	609.6	611.0	612.4	613.4
10°	528.6	519.9	511.2	502.6	497.7	492.5	487.7	482.5	481.8	481.5	480.8
12.5°	460.0	450.6	441.6	432.3	429.5	426.4	423.6	420.5	423.3	426.0	428.5
15°	379.6	376.2	372.3	368.5	371.7	374.8	377.9	381.0	383.8	386.2	389.0
17.5°	323.5	322.1	320.4	318.7	321.4	324.5	327.3	330.1	336.3	342.6	348.8
20°	286.8	285.8	284.4	283.0	281.9	280.6	279.5	278.1	287.1	295.8	304.8
22.5°	265.0	262.9	260.8	258.7	259.1	259.4	259.4	259.8	267.1	274.7	281.9
25°	237.6	236.9	236.2	235.5	237.6	239.7	241.4	243.5	250.1	256.7	262.9
27.5°	223.8	224.1	224.4	224.8	227.6	230.7	233.5	236.2	240.7	245.2	249.7
30°	216.1	218.2	219.9	221.7	222.7	223.8	224.8	225.8	230.3	234.5	239.0
32.5°	227.6	224.8	221.7	218.9	220.3	222.0	223.4	224.8	229.0	233.1	237.3
35°	216.8	215.4	214.4	213.0	214.7	216.5	217.9	219.6	223.4	226.9	230.7
37.5°	211.3	210.9	210.6	210.2	211.3	212.3	213.0	214.1	217.5	221.0	224.1
40°	210.9	209.2	207.8	206.1	207.1	208.2	208.9	209.9	214.1	218.2	222.4
42.5°	208.9	206.8	204.4	202.3	203.3	204.7	205.7	206.8	211.3	215.4	219.9
45°	208.5	205.4	201.9	198.8	200.2	201.6	203.0	204.4	207.8	211.3	214.4
47.5°	204.7	201.6	198.5	195.4	196.0	196.7	197.1	197.8	200.9	203.7	206.8
50°	201.6	199.2	197.1	194.7	193.6	192.9	191.9	190.8	193.3	195.7	198.1
52.5°	197.8	195.4	192.6	190.2	188.8	187.4	186.0	184.6	186.7	188.4	190.5
55°	195.4	192.2	189.5	186.3	184.6	182.9	181.2	179.4	180.8	181.8	183.2
57.5°	190.2	187.4	184.3	181.5	179.4	177.3	174.9	172.8	173.5	174.2	174.9
60°	183.2	180.1	177.3	174.2	171.8	169.4	166.6	164.2	164.5	165.2	165.6
62.5°	173.2	170.4	167.3	164.5	161.8	159.3	156.6	153.8	154.5	154.8	155.5
65°	162.1	159.0	156.2	153.1	150.7	148.2	145.5	143.1	143.7	144.4	144.8
67.5°	148.6	146.2	144.1	141.7	139.6	137.2	135.1	132.7	133.0	133.4	133.7
70°	134.0	132.0	130.2	128.2	126.4	124.7	123.0	121.2	121.2	121.6	121.6
72.5°	118.5	116.7	115.0	113.3	111.5	110.1	108.4	106.7	107.4	108.1	108.4
75°	102.5	101.1	99.4	97.7	96.3	94.9	93.2	91.8	92.5	93.2	93.5
77.5°	85.9	84.9	83.5	82.4	81.1	79.7	77.9	76.5	77.2	77.9	78.3
80°	68.6	67.9	66.8	66.2	64.8	63.4	62.0	60.6	61.0	61.0	61.3
82.5°	49.5	49.9	49.9	50.2	49.2	47.8	46.8	45.4	45.4	45.4	45.0
85°	27.7	29.1	30.1	31.2	30.1	29.1	28.1	27.0	26.7	26.7	26.3
87.5°	1.0	1.7	2.8	3.5	3.1	2.8	2.1	1.7	2.1	2.4	2.4
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: P367272  
 CATALOG NUMBER: MSA-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P367272  
 CATALOG NUMBER: MSA-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7
2.5°	723.6	729.5	735.3	741.2	747.1	756.1	765.1	774.5	783.8	778.6	773.1
5°	757.5	761.0	764.8	768.2	771.7	781.8	791.5	803.6	815.4	814.0	812.2
7.5°	614.8	619.7	624.5	629.0	633.9	649.1	664.3	677.2	690.0	688.2	686.2
10°	480.1	490.1	500.5	510.5	520.6	533.1	545.2	555.9	566.7	584.7	602.3
12.5°	431.2	446.8	462.4	478.0	493.6	502.6	511.2	525.1	539.0	548.7	558.7
15°	391.4	405.9	420.5	435.0	449.6	450.3	451.0	465.5	480.1	488.4	496.3
17.5°	355.0	363.0	371.0	378.6	386.5	383.8	381.0	387.9	394.5	398.0	401.8
20°	313.5	319.0	324.5	330.1	335.6	339.4	342.9	347.1	350.9	347.4	343.6
22.5°	289.2	297.5	306.2	314.5	322.8	325.2	327.3	324.9	322.5	321.4	320.4
25°	269.5	279.5	289.9	300.0	310.0	314.9	319.7	321.8	323.5	319.7	315.9
27.5°	254.2	266.4	278.1	290.3	302.0	310.7	319.4	321.8	323.9	321.1	318.0
30°	243.2	256.3	269.5	282.6	295.8	309.0	321.8	333.2	344.3	343.3	342.2
32.5°	241.4	250.4	259.4	268.4	277.4	285.8	293.7	294.4	294.8	292.0	288.9
35°	234.1	240.0	245.9	251.8	257.7	262.9	267.7	267.1	266.4	263.6	260.8
37.5°	227.6	233.5	239.7	245.6	251.5	260.5	269.1	267.4	265.3	262.5	259.8
40°	226.5	233.1	239.7	245.9	252.5	260.8	269.1	267.4	265.7	262.2	258.7
42.5°	224.1	230.7	236.9	243.5	249.7	259.8	269.5	266.4	262.9	260.1	257.4
45°	217.9	223.8	229.6	235.5	241.4	252.2	262.9	259.1	255.3	254.2	252.9
47.5°	209.6	215.4	221.3	227.2	233.1	243.8	254.2	251.1	247.7	247.3	246.6
50°	200.5	206.1	212.0	217.5	223.1	233.8	244.2	241.4	238.6	239.0	239.0
52.5°	192.2	197.4	202.3	207.5	212.3	223.1	233.5	231.4	229.0	229.6	230.0
55°	184.3	188.4	192.6	196.7	200.9	211.3	221.7	218.6	215.4	216.5	217.5
57.5°	175.6	179.1	182.5	185.7	189.1	199.5	209.6	206.1	202.3	204.0	205.4
60°	165.9	169.0	172.1	174.9	178.0	187.4	196.4	193.3	189.8	192.2	194.3
62.5°	155.9	158.3	160.7	163.1	165.6	174.2	182.9	180.5	178.0	180.8	183.2
65°	145.5	147.2	149.3	151.0	152.7	161.1	169.0	167.3	165.6	168.0	170.4
67.5°	134.0	135.4	137.2	138.5	139.9	147.6	155.2	153.4	151.4	153.4	155.2
70°	121.6	123.0	124.0	125.4	126.4	133.4	140.3	137.9	135.1	137.2	138.9
72.5°	109.1	109.8	110.8	111.5	112.2	117.4	122.6	120.5	118.5	120.5	122.3
75°	94.2	94.9	95.6	96.3	97.0	101.5	105.6	103.2	100.4	102.5	104.6
77.5°	79.0	79.3	80.0	80.4	80.7	83.8	86.6	84.2	81.4	83.8	86.2
80°	61.3	61.7	62.0	62.0	62.3	63.4	64.4	62.7	60.6	63.7	66.8
82.5°	45.0	44.7	44.7	44.3	44.0	44.0	43.6	42.6	41.2	44.0	46.8
85°	26.0	25.6	24.9	24.6	23.9	22.9	21.8	21.5	21.1	23.6	26.0
87.5°	2.8	2.4	1.7	1.4	0.7	0.3	0.0	0.0	0.0	1.4	3.1
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: P367272  
 CATALOG NUMBER: MSA-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P367272

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

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7
2.5°	767.9	762.4	757.2	752.0	746.8	741.6	751.3	761.0	770.7	780.4	789.0
5°	810.9	809.1	804.6	800.5	796.0	791.5	793.9	796.7	799.1	801.5	806.7
7.5°	684.4	682.3	692.0	701.4	711.1	720.4	722.9	725.0	727.4	729.5	728.1
10°	620.3	638.0	642.5	646.7	651.2	655.3	662.3	669.2	675.8	682.7	686.5
12.5°	568.4	578.1	594.0	610.3	626.2	642.2	652.6	663.0	673.3	683.7	705.2
15°	504.7	512.6	524.8	536.9	549.0	561.1	576.0	591.3	606.1	621.0	644.6
17.5°	405.3	408.7	417.7	426.7	435.4	444.4	464.5	484.2	504.3	524.1	551.1
20°	340.1	336.3	336.3	336.7	336.7	336.7	356.8	376.5	396.6	416.3	452.0
22.5°	319.0	318.0	314.2	310.0	306.2	302.0	312.4	323.2	333.6	343.9	373.0
25°	311.7	307.9	303.1	298.2	293.4	288.5	295.1	301.7	308.3	314.9	337.7
27.5°	315.2	312.1	314.5	316.6	319.0	321.1	323.2	325.2	327.3	329.4	337.4
30°	341.2	340.1	343.9	347.4	351.2	354.7	349.8	345.3	340.5	335.6	338.4
32.5°	286.1	283.0	281.6	280.2	278.8	277.4	277.1	276.7	276.1	275.7	281.9
35°	258.0	255.3	253.2	251.1	248.7	246.6	247.7	248.3	249.4	250.1	257.0
37.5°	257.0	254.2	251.8	249.4	246.6	244.2	245.2	246.6	247.7	248.7	253.9
40°	255.3	251.8	250.4	249.0	247.7	246.3	247.0	247.7	248.0	248.7	252.5
42.5°	254.2	251.5	250.8	250.1	249.4	248.7	249.4	250.1	250.4	251.1	255.6
45°	251.8	250.4	251.1	251.8	252.5	253.2	253.2	253.2	253.2	253.2	258.0
47.5°	246.3	245.6	247.7	249.7	251.8	253.9	257.4	260.8	263.9	267.4	268.4
50°	239.3	239.3	242.8	246.3	249.4	252.9	261.2	269.1	277.4	285.4	280.2
52.5°	230.7	231.0	236.2	241.1	246.3	251.1	258.7	266.4	273.6	281.3	273.6
55°	218.2	219.3	225.8	232.1	238.6	244.9	250.8	256.7	262.5	268.4	260.5
57.5°	207.1	208.5	215.4	222.0	229.0	235.5	239.0	242.8	246.3	249.7	244.5
60°	196.7	198.8	207.8	216.8	225.5	234.5	231.7	229.0	225.8	223.1	222.7
62.5°	186.0	188.4	196.7	205.1	213.0	221.3	217.2	213.0	208.5	204.4	206.1
65°	172.5	174.9	178.7	182.5	186.0	189.8	189.5	189.5	189.1	188.8	192.2
67.5°	157.3	159.0	161.4	163.5	165.9	168.0	169.4	171.1	172.5	173.9	178.0
70°	141.0	142.7	145.1	147.2	149.6	151.7	153.4	155.2	156.6	158.3	162.4
72.5°	124.3	126.1	128.5	130.9	133.0	135.4	136.8	138.2	139.2	140.6	144.1
75°	106.7	108.8	111.2	113.3	115.7	117.8	118.8	119.8	120.9	121.9	125.0
77.5°	88.7	91.1	93.5	95.9	98.4	100.8	101.1	101.5	101.8	102.2	105.0
80°	69.6	72.7	75.2	77.6	80.0	82.4	82.4	82.4	82.4	82.4	83.8
82.5°	49.5	52.3	55.1	57.5	60.3	62.7	62.7	62.3	62.3	62.0	62.0
85°	28.4	30.8	32.6	34.6	36.4	38.1	38.1	38.1	37.8	37.8	37.1
87.5°	4.5	5.9	6.6	7.6	8.3	9.0	8.7	8.7	8.3	8.0	6.9
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: P367272  
 CATALOG NUMBER: MSA-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P367272  
 CATALOG NUMBER: MSA-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7
2.5°	797.7	806.3	815.0	813.6	812.2	810.9	809.5	814.7	819.5	824.7	829.6
5°	811.5	816.7	821.6	825.4	829.2	833.0	836.8	854.5	871.8	889.5	906.8
7.5°	726.7	725.0	723.6	739.8	756.5	772.8	789.0	811.5	834.1	856.6	879.1
10°	690.3	694.1	697.9	704.5	711.4	718.0	724.6	746.8	768.9	791.1	813.3
12.5°	726.3	747.8	768.9	774.1	779.7	784.9	790.1	794.6	799.1	803.2	807.7
15°	668.1	691.7	715.3	728.8	742.3	755.4	768.9	802.9	836.5	870.4	904.0
17.5°	577.7	604.8	631.4	664.7	697.9	731.2	764.4	795.6	826.8	857.6	888.8
20°	487.7	523.0	558.7	595.1	631.1	667.5	703.5	734.0	764.4	794.6	825.1
22.5°	401.8	430.9	459.6	504.0	548.0	592.3	636.3	693.1	749.5	806.3	862.8
25°	360.2	383.1	405.6	451.3	497.0	542.4	588.1	661.9	735.3	809.1	882.6
27.5°	345.7	353.6	361.6	403.2	444.4	486.0	527.2	606.8	686.5	765.8	845.5
30°	341.2	343.9	346.7	379.3	411.8	444.4	477.0	555.6	634.5	713.2	791.8
32.5°	287.8	294.1	300.0	331.8	363.3	395.2	426.7	506.0	585.0	664.3	743.3
35°	263.9	270.9	277.8	309.0	340.1	371.0	402.1	485.6	569.4	652.9	736.4
37.5°	259.1	264.3	269.5	304.8	340.1	375.5	410.8	495.3	579.8	664.3	748.9
40°	256.7	260.5	264.3	298.6	333.2	367.5	401.8	490.5	578.8	667.5	755.8
42.5°	259.8	264.3	268.4	299.6	330.4	361.6	392.4	484.2	575.7	667.5	758.9
45°	262.5	267.4	271.9	301.0	330.1	359.2	388.3	486.3	584.0	682.0	779.7
47.5°	269.1	270.2	270.9	296.1	321.1	346.4	371.3	471.1	570.8	670.2	770.0
50°	274.7	269.5	263.9	290.3	316.2	342.6	368.5	463.1	557.7	651.9	746.4
52.5°	266.0	258.0	250.4	278.8	307.2	335.3	363.7	458.2	553.2	647.7	742.3
55°	252.9	244.9	236.9	265.7	294.4	323.2	351.9	446.1	540.7	634.9	729.1
57.5°	239.7	234.5	229.3	252.9	276.7	300.3	323.9	426.0	527.9	630.0	731.9
60°	222.4	221.7	221.3	239.7	258.4	276.7	295.1	395.2	495.0	595.1	694.8
62.5°	207.5	209.2	210.6	225.5	240.4	254.9	269.8	366.5	463.4	560.1	656.7
65°	196.0	199.5	203.0	219.9	236.9	253.5	270.5	351.6	432.6	513.7	594.7
67.5°	182.2	186.3	190.5	212.7	234.8	257.0	279.2	346.0	412.9	479.7	546.6
70°	166.3	170.4	174.2	202.6	230.7	259.1	287.1	346.4	405.9	465.2	524.4
72.5°	147.6	151.0	154.5	185.0	215.4	245.9	276.4	326.6	376.9	426.7	477.0
75°	128.5	131.6	134.7	161.1	187.4	213.7	240.0	278.8	317.3	356.1	394.5
77.5°	107.4	110.1	112.6	130.2	147.9	165.6	183.2	213.0	242.5	272.2	301.7
80°	85.2	86.6	88.0	98.4	108.4	118.8	128.8	148.6	168.3	187.7	207.5
82.5°	62.3	62.3	62.3	68.9	75.9	82.4	89.0	99.1	108.8	118.8	128.5
85°	36.4	35.3	34.6	39.1	43.6	48.1	52.6	56.8	61.0	65.1	69.3
87.5°	5.9	4.5	3.5	6.2	9.0	11.8	14.5	15.9	17.7	19.1	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: P367272  
 CATALOG NUMBER: MSA-SA2B-727-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: P367272

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

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7
2.5°	817.8	806.3	794.6	782.8	800.1	817.4	834.8	852.1	898.1	925.5	927.2
5°	921.3	935.9	950.4	965.0	979.5	994.1	1008.3	1022.8	1097.6	1143.7	1152.4
7.5°	903.0	927.2	951.1	975.0	1016.2	1057.5	1098.7	1139.9	1203.3	1249.0	1279.1
10°	843.1	872.9	902.6	932.4	981.3	1030.5	1079.3	1128.1	1195.3	1255.6	1284.3
12.5°	855.2	902.6	949.7	997.2	1039.5	1082.1	1124.3	1166.6	1213.0	1235.8	1288.1
15°	936.9	969.8	1002.7	1035.6	1099.4	1162.8	1226.5	1289.9	1316.2	1368.5	1415.6
17.5°	949.4	1009.7	1070.3	1130.6	1208.5	1286.4	1364.4	1442.3	1491.1	1558.7	1615.5
20°	910.6	995.8	1081.4	1166.6	1267.0	1367.8	1468.3	1568.7	1630.7	1687.5	1775.5
22.5°	957.0	1051.2	1145.1	1239.3	1372.7	1505.7	1639.0	1772.0	1901.6	2028.3	2087.9
25°	1008.3	1134.4	1260.1	1385.8	1552.4	1718.7	1885.3	2051.5	2218.2	2337.0	2405.5
27.5°	972.3	1098.7	1225.5	1351.9	1558.0	1764.4	1970.5	2176.6	2355.0	2498.0	2556.9
30°	947.0	1102.1	1257.3	1412.5	1654.3	1896.0	2137.8	2379.6	2544.4	2704.1	2790.7
32.5°	942.5	1141.6	1340.5	1539.6	1821.2	2102.5	2384.1	2665.3	2774.8	2916.4	3033.2
35°	954.9	1173.8	1392.4	1611.0	1933.8	2256.6	2579.1	2901.9	3057.4	3197.7	3299.9
37.5°	993.0	1237.2	1481.1	1725.3	2114.2	2503.6	2892.5	3281.5	3542.3	3799.0	3844.7
40°	1014.5	1273.6	1532.3	1791.1	2243.4	2695.8	3148.2	3600.5	3900.5	4182.1	4201.1
42.5°	1039.8	1320.7	1601.3	1882.2	2383.7	2885.6	3387.2	3888.7	4260.0	4562.7	4571.7
45°	1068.9	1357.8	1647.0	1935.9	2459.6	2982.9	3506.6	4030.0	4478.9	4846.8	4757.0
47.5°	1080.3	1391.0	1701.4	2011.7	2570.1	3128.1	3686.4	4244.4	4647.2	4981.8	4895.9
50°	1084.8	1423.6	1762.0	2100.4	2678.8	3257.6	3836.0	4414.5	4824.2	5150.5	5018.9
52.5°	1112.9	1483.5	1854.1	2224.7	2827.4	3430.1	4032.8	4635.5	5038.6	5352.1	5188.6
55°	1150.6	1572.2	1993.4	2414.9	3038.7	3662.2	4286.0	4909.4	5314.0	5605.7	5403.0
57.5°	1185.6	1639.7	2093.5	2547.2	3193.5	3840.2	4486.5	5132.9	5542.6	5831.1	5634.7
60°	1168.7	1642.5	2116.3	2590.2	3225.4	3860.3	4495.5	5130.4	5595.6	5941.6	5841.2
62.5°	1117.4	1578.1	2038.4	2499.1	3102.1	3704.8	4307.8	4910.5	5455.0	5898.7	5894.2
65°	1018.7	1442.6	1866.2	2290.2	2848.2	3406.5	3964.6	4522.6	5164.4	5703.3	5738.3
67.5°	898.5	1250.4	1602.3	1954.2	2479.7	3005.1	3530.5	4056.0	4742.2	5336.9	5367.0
70°	782.1	1040.1	1297.8	1555.5	2016.9	2478.3	2939.3	3400.7	4093.7	4695.4	4723.1
72.5°	645.6	814.3	982.7	1151.3	1525.1	1898.8	2272.2	2645.9	3254.5	3717.2	3873.5
75°	494.6	594.7	694.8	794.9	1097.3	1399.7	1701.7	2004.1	2408.7	2750.2	2926.1
77.5°	353.6	405.6	457.6	509.5	766.5	1023.5	1280.2	1537.2	1749.9	1943.5	2062.3
80°	232.1	256.3	280.9	305.2	518.9	732.6	945.9	1159.6	1289.2	1393.1	1453.0
82.5°	140.6	152.7	164.5	176.6	349.8	523.0	695.9	869.0	943.2	992.7	1046.0
85°	75.9	82.4	89.0	95.6	206.8	317.6	428.8	539.6	546.9	552.8	632.1
87.5°	22.2	24.2	26.0	27.7	45.7	64.1	82.1	100.1	62.3	38.8	79.7
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: P367272  
 CATALOG NUMBER: MSA-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P367272

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

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7
2.5°	917.2	912.7	908.2	903.3	898.8	879.8	861.1	842.0	823.0	841.3	859.3
5°	1142.3	1156.2	1169.7	1183.5	1197.4	1198.4	1199.1	1200.2	1200.9	1204.3	1207.8
7.5°	1304.4	1329.0	1353.3	1377.9	1402.5	1421.5	1440.6	1459.9	1479.0	1461.7	1444.4
10°	1318.3	1370.2	1422.2	1474.2	1526.1	1535.5	1544.5	1553.8	1563.2	1575.6	1587.8
12.5°	1332.1	1395.5	1458.6	1521.9	1585.3	1613.0	1640.4	1668.1	1695.5	1709.0	1722.2
15°	1478.7	1516.1	1553.1	1590.5	1627.6	1646.6	1665.3	1684.4	1703.4	1714.9	1726.0
17.5°	1667.1	1680.9	1694.4	1708.3	1722.2	1735.0	1747.8	1760.6	1773.4	1775.5	1777.6
20°	1838.9	1841.6	1844.1	1846.8	1849.3	1822.3	1795.6	1768.6	1741.5	1746.4	1750.9
22.5°	2096.6	2081.3	2066.4	2051.2	2036.3	1985.4	1934.8	1883.9	1833.3	1811.5	1790.0
25°	2484.5	2445.7	2406.9	2368.1	2329.3	2248.3	2167.6	2086.5	2005.8	1958.4	1911.3
27.5°	2609.6	2525.0	2440.9	2356.4	2271.8	2210.5	2149.6	2088.3	2027.3	1952.1	1877.0
30°	2862.4	2729.0	2596.0	2462.7	2329.3	2270.1	2210.9	2151.3	2092.1	2015.2	1938.6
32.5°	3086.5	2948.0	2809.4	2670.5	2532.0	2419.7	2307.5	2195.3	2083.1	2031.1	1979.2
35°	3345.9	3171.7	2997.5	2823.3	2649.0	2552.7	2456.8	2360.5	2264.6	2185.9	2107.7
37.5°	3723.8	3538.5	3353.2	3167.6	2982.2	2852.0	2722.1	2591.9	2462.0	2418.7	2375.8
40°	4084.0	3865.1	3646.6	3427.7	3209.1	3109.4	3009.6	2909.5	2809.8	2736.7	2663.6
42.5°	4385.7	4169.3	3953.1	3736.6	3520.5	3447.8	3375.4	3302.6	3230.2	3170.0	3109.7
45°	4489.3	4312.7	4136.4	3959.7	3783.1	3757.4	3732.1	3706.5	3681.2	3636.5	3591.9
47.5°	4655.9	4475.8	4296.0	4115.9	3935.8	3945.2	3954.5	3964.2	3973.6	3976.0	3978.1
50°	4753.9	4582.8	4412.1	4241.0	4070.2	4115.6	4160.6	4206.0	4251.3	4354.2	4456.7
52.5°	4897.0	4729.0	4561.3	4393.4	4225.4	4302.3	4378.8	4455.7	4532.3	4676.3	4820.4
55°	5076.4	4915.7	4755.3	4594.6	4434.2	4509.0	4583.5	4658.3	4732.8	4893.2	5053.5
57.5°	5314.4	5142.2	4970.4	4798.3	4626.5	4695.4	4764.0	4832.9	4901.5	5053.9	5206.3
60°	5585.2	5398.2	5211.1	5023.8	4836.7	4855.8	4874.5	4893.5	4912.2	5077.4	5242.3
62.5°	5718.2	5545.0	5372.2	5199.0	5025.8	4972.8	4919.8	4866.5	4813.5	4961.4	5109.0
65°	5602.9	5483.7	5364.9	5245.8	5126.6	5033.1	4939.9	4846.4	4752.9	4845.4	4937.5
67.5°	5235.7	5168.2	5101.0	5033.4	4965.9	4809.0	4652.1	4494.8	4337.9	4344.2	4350.1
70°	4640.7	4622.7	4605.0	4587.0	4569.0	4333.1	4097.6	3861.7	3625.8	3589.8	3553.8
72.5°	3886.6	3898.4	3909.8	3921.6	3933.4	3679.8	3426.3	3172.7	2919.2	2859.3	2799.4
75°	3010.3	3075.4	3140.5	3206.0	3271.1	3028.7	2786.2	2543.4	2300.9	2227.2	2153.4
77.5°	2127.1	2248.6	2369.9	2491.4	2613.0	2393.8	2174.9	1955.6	1736.4	1688.6	1640.8
80°	1483.2	1542.7	1602.3	1661.9	1721.5	1611.3	1501.2	1391.0	1280.9	1294.0	1306.9
82.5°	1080.3	1094.2	1107.7	1121.5	1135.4	1090.4	1045.3	1000.0	954.9	989.2	1023.5
85°	692.0	741.6	790.8	840.3	889.5	839.6	789.7	739.5	689.6	712.5	735.3
87.5°	154.8	244.9	334.9	425.3	515.4	466.9	418.8	370.3	321.8	300.0	278.5
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: P367272  
 CATALOG NUMBER: MSA-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P367272

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

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7
2.5°	877.7	896.1	890.5	885.3	879.8	874.2	884.3	894.3	904.7	914.8	911.3
5°	1211.6	1215.1	1182.2	1149.6	1116.7	1083.8	1104.2	1124.7	1145.1	1165.5	1158.3
7.5°	1427.0	1409.7	1390.7	1371.6	1352.2	1333.2	1329.0	1324.9	1320.4	1316.2	1310.7
10°	1600.2	1612.4	1599.9	1587.8	1575.3	1562.8	1533.7	1504.6	1475.2	1446.1	1434.0
12.5°	1735.7	1749.2	1752.3	1755.1	1758.2	1761.3	1728.7	1696.5	1664.0	1631.4	1602.0
15°	1737.4	1748.8	1758.9	1768.6	1778.6	1788.3	1768.2	1748.5	1728.4	1708.3	1698.9
17.5°	1780.0	1782.1	1773.8	1765.8	1757.5	1749.5	1741.5	1733.9	1726.0	1718.3	1703.4
20°	1755.7	1760.6	1759.6	1758.5	1757.1	1756.1	1756.8	1757.1	1757.8	1758.2	1749.9
22.5°	1768.2	1746.4	1750.9	1755.1	1759.6	1763.7	1776.2	1788.7	1801.5	1813.9	1847.2
25°	1863.8	1816.4	1809.1	1802.2	1794.9	1788.0	1820.5	1852.7	1885.3	1917.9	1971.9
27.5°	1801.5	1726.3	1709.7	1693.1	1676.4	1659.8	1709.3	1758.5	1808.1	1857.6	1912.7
30°	1861.7	1785.2	1748.5	1711.8	1674.7	1638.0	1685.4	1732.5	1780.0	1827.1	1888.1
32.5°	1927.2	1875.2	1850.7	1826.4	1801.8	1777.6	1781.4	1785.2	1789.0	1792.8	1878.7
35°	2029.0	1950.4	1926.2	1901.9	1877.7	1853.4	1894.0	1934.1	1974.7	2014.8	2087.6
37.5°	2332.5	2289.2	2245.5	2201.9	2157.9	2114.2	2138.1	2162.0	2185.9	2209.8	2278.4
40°	2590.5	2517.4	2510.1	2503.2	2495.9	2488.7	2490.7	2492.5	2494.6	2496.6	2555.2
42.5°	3049.1	2988.8	2951.8	2914.7	2877.6	2840.6	2838.2	2835.7	2833.0	2830.5	2874.5
45°	3546.8	3502.1	3474.4	3446.7	3418.7	3391.0	3347.0	3303.0	3258.6	3214.7	3253.1
47.5°	3980.5	3982.9	4033.1	4083.0	4133.2	4183.5	4108.3	4033.1	3958.0	3882.8	3833.3
50°	4559.6	4662.1	4674.3	4686.0	4698.2	4710.3	4582.8	4455.7	4328.2	4200.8	4148.8
52.5°	4964.9	5109.0	5090.3	5071.9	5053.2	5034.5	4960.7	4887.3	4813.5	4739.7	4626.5
55°	5214.3	5374.6	5360.4	5346.6	5332.4	5318.2	5264.5	5210.8	5157.1	5103.4	4979.1
57.5°	5358.7	5511.1	5515.2	5519.4	5523.6	5527.7	5513.5	5499.3	5485.1	5470.9	5309.2
60°	5407.5	5572.7	5574.5	5575.9	5577.6	5579.0	5556.5	5534.0	5511.1	5488.6	5382.9
62.5°	5256.9	5404.4	5411.0	5417.2	5423.8	5430.4	5414.8	5399.2	5383.6	5368.0	5289.8
65°	5030.0	5122.5	5124.2	5125.6	5127.3	5129.0	5089.6	5050.4	5010.9	4971.4	4952.7
67.5°	4356.3	4362.5	4399.2	4436.0	4472.7	4509.4	4512.5	4515.6	4519.1	4522.2	4495.2
70°	3517.7	3481.7	3521.5	3561.4	3601.2	3641.0	3658.0	3675.0	3692.3	3709.3	3721.7
72.5°	2739.1	2679.2	2708.6	2738.1	2767.8	2797.3	2772.0	2746.7	2721.4	2696.1	2776.2
75°	2079.6	2005.8	2002.0	1998.6	1994.7	1991.3	1978.5	1965.6	1952.5	1939.7	2014.5
77.5°	1592.6	1544.8	1547.2	1549.3	1551.7	1553.8	1540.7	1527.8	1514.7	1501.5	1530.3
80°	1320.0	1332.8	1333.2	1333.5	1333.9	1334.2	1321.7	1309.6	1297.2	1284.7	1263.9
82.5°	1058.2	1092.5	1092.1	1092.1	1091.8	1091.4	1090.7	1090.0	1089.0	1088.3	1054.4
85°	758.2	781.1	757.5	734.0	710.4	686.9	704.2	721.5	739.2	756.5	742.3
87.5°	256.7	235.2	207.1	179.4	151.4	123.3	153.4	183.6	214.1	244.2	261.5
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: P367272  
 CATALOG NUMBER: MSA-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P367272

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

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7	752.7
2.5°	908.2	904.7	901.6	879.8	857.6	835.8	813.6	853.8	894.3	934.5	974.7
5°	1151.3	1144.1	1137.1	1135.4	1133.7	1131.6	1129.9	1150.3	1170.7	1190.8	1211.3
7.5°	1305.1	1299.6	1294.0	1279.5	1265.3	1250.7	1236.2	1248.7	1260.8	1273.3	1285.4
10°	1422.2	1410.1	1397.9	1366.4	1335.3	1303.7	1272.2	1262.9	1253.5	1244.2	1234.8
12.5°	1572.5	1542.7	1513.3	1477.6	1441.6	1405.9	1369.9	1365.0	1360.2	1355.7	1350.8
15°	1689.9	1680.6	1671.2	1642.8	1614.4	1586.0	1557.6	1519.5	1481.1	1443.0	1404.9
17.5°	1688.9	1674.0	1659.5	1697.6	1735.3	1773.4	1811.2	1770.6	1729.8	1689.2	1648.7
20°	1741.5	1732.9	1724.6	1794.9	1864.9	1935.2	2005.1	1983.0	1960.5	1938.3	1915.8
22.5°	1880.1	1913.3	1946.3	2006.5	2066.4	2126.7	2186.6	2211.9	2237.2	2262.5	2287.8
25°	2025.6	2079.6	2133.6	2223.3	2312.7	2402.4	2492.1	2510.1	2528.2	2546.2	2564.2
27.5°	1967.4	2022.5	2077.5	2145.4	2213.0	2280.8	2348.4	2427.4	2506.7	2585.7	2664.6
30°	1948.7	2009.6	2070.3	2163.4	2256.3	2349.4	2442.6	2551.4	2660.1	2768.5	2877.3
32.5°	1964.3	2050.2	2136.1	2262.1	2387.9	2514.0	2640.0	2754.3	2869.0	2983.3	3097.6
35°	2160.0	2232.7	2305.1	2446.1	2587.0	2728.0	2869.0	3003.0	3137.1	3270.8	3404.8
37.5°	2346.7	2415.2	2483.8	2627.9	2771.7	2915.7	3059.8	3271.5	3483.4	3695.1	3906.7
40°	2613.4	2671.9	2730.1	2853.4	2976.7	3100.0	3223.3	3478.6	3733.9	3989.1	4244.4
42.5°	2918.2	2962.2	3005.8	3133.6	3261.4	3389.2	3517.0	3794.8	4073.0	4350.8	4628.5
45°	3291.2	3329.7	3368.1	3456.1	3544.1	3632.4	3720.4	4006.8	4293.3	4579.7	4866.2
47.5°	3783.7	3734.2	3684.7	3728.0	3771.3	3814.6	3857.9	4141.2	4424.5	4707.5	4990.8
50°	4096.9	4044.9	3993.0	3996.8	4000.2	4004.0	4007.8	4272.1	4536.4	4800.3	5064.6
52.5°	4513.2	4399.6	4286.3	4285.3	4284.3	4282.9	4281.8	4512.2	4742.8	4973.2	5203.5
55°	4854.7	4730.4	4606.0	4581.8	4557.5	4532.9	4508.7	4736.6	4964.2	5192.1	5419.7
57.5°	5147.4	4985.3	4823.5	4785.4	4747.3	4709.2	4671.1	4916.7	5162.6	5408.2	5653.8
60°	5277.6	5172.0	5066.7	5019.9	4973.2	4926.4	4879.7	5088.9	5298.1	5506.9	5716.1
62.5°	5211.8	5133.5	5055.6	5066.4	5077.1	5087.8	5098.6	5218.1	5337.9	5457.4	5576.9
65°	4934.4	4915.7	4897.3	4983.9	5070.5	5157.1	5243.7	5245.4	5247.2	5248.9	5250.6
67.5°	4468.2	4441.2	4414.1	4594.3	4774.0	4954.1	5134.2	5048.7	4963.1	4877.9	4792.4
70°	3733.9	3746.3	3758.5	4003.7	4248.6	4493.8	4739.0	4615.0	4490.7	4366.7	4242.3
72.5°	2856.2	2936.5	3016.5	3270.8	3525.0	3779.2	4033.5	3891.8	3749.8	3608.1	3466.1
75°	2089.3	2164.1	2238.9	2490.1	2741.2	2992.6	3243.8	3075.4	2907.1	2739.1	2570.8
77.5°	1559.0	1588.1	1616.9	1825.7	2034.2	2243.1	2451.6	2282.6	2113.5	1944.9	1775.8
80°	1243.5	1222.7	1202.3	1317.9	1433.6	1549.3	1665.0	1545.2	1425.0	1305.1	1185.3
82.5°	1020.8	986.8	953.2	996.2	1039.1	1082.4	1125.4	1029.4	933.5	837.5	741.6
85°	728.1	713.9	699.7	712.1	724.3	736.7	749.2	655.7	562.2	469.0	375.5
87.5°	278.5	295.8	313.1	332.9	352.3	372.0	391.4	306.5	221.7	137.2	52.3
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



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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°	752.7	752.7
2.5°	991.3	1007.9
5°	1210.9	1210.6
7.5°	1279.8	1273.9
10°	1219.6	1204.3
12.5°	1305.8	1260.4
15°	1359.8	1314.5
17.5°	1580.5	1511.9
20°	1834.4	1752.6
22.5°	2163.4	2039.1
25°	2415.6	2266.6
27.5°	2576.3	2487.6
30°	2775.8	2674.3
32.5°	3022.8	2947.6
35°	3336.2	3267.3
37.5°	3885.2	3863.4
40°	4218.4	4192.1
42.5°	4629.6	4630.3
45°	4881.7	4897.3
47.5°	5030.3	5069.5
50°	5148.8	5232.6
52.5°	5318.2	5432.8
55°	5572.1	5724.1
57.5°	5783.3	5912.9
60°	5783.3	5850.2
62.5°	5575.2	5573.1
65°	5218.4	5185.9
67.5°	4751.5	4710.6
70°	4178.6	4114.5
72.5°	3386.8	3307.1
75°	2461.7	2352.2
77.5°	1723.9	1671.6
80°	1210.6	1235.8
82.5°	777.6	813.6
85°	369.9	364.4
87.5°	43.6	35.0
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: P367272  
CATALOG NUMBER: MSA-SA2B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)