

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: P367536

Luminaire Tested: **MSA-SA2D-727-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367536
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-SA2D-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: 9663 lumens
Efficiency: N/A
Efficacy: 74.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

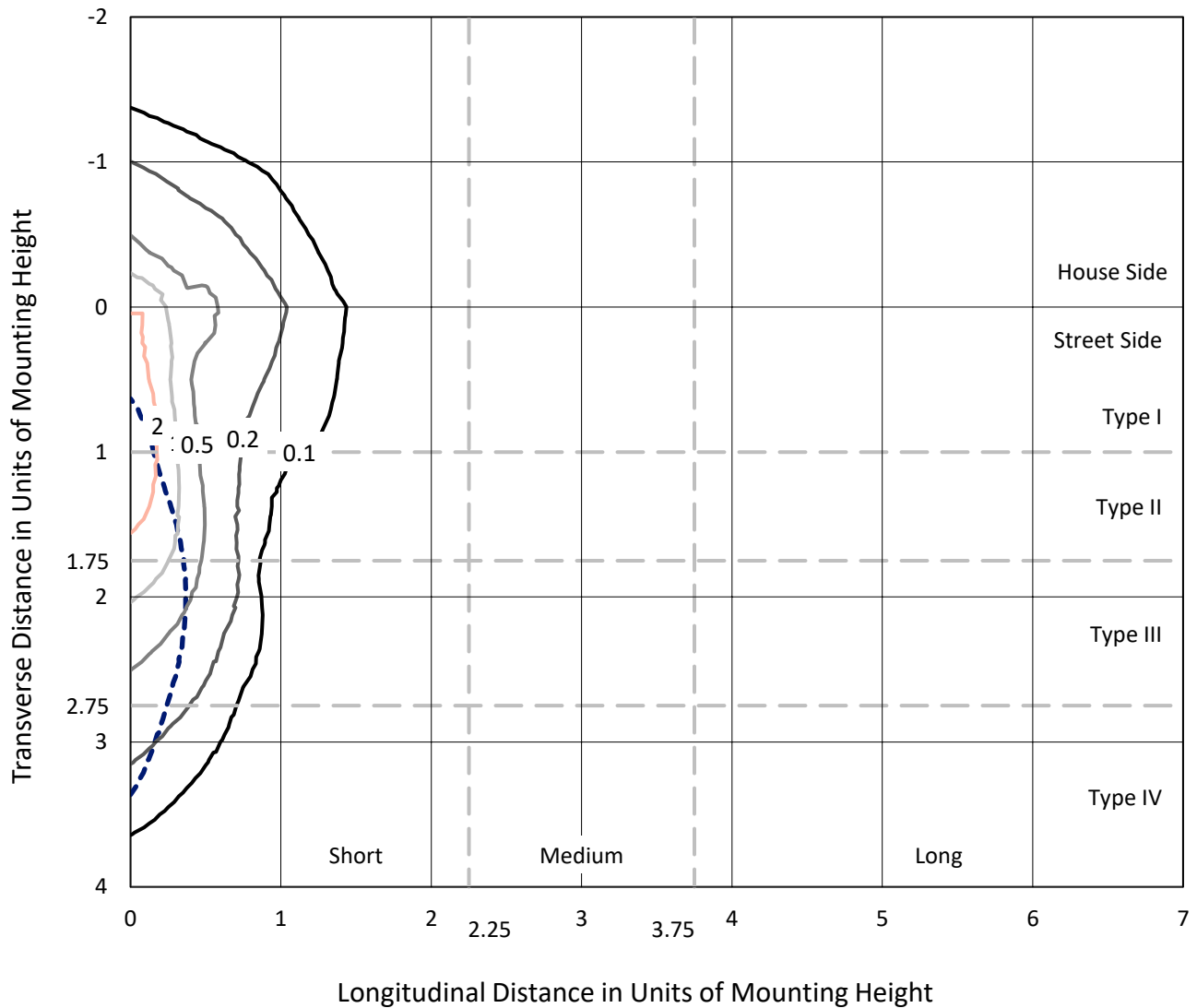
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

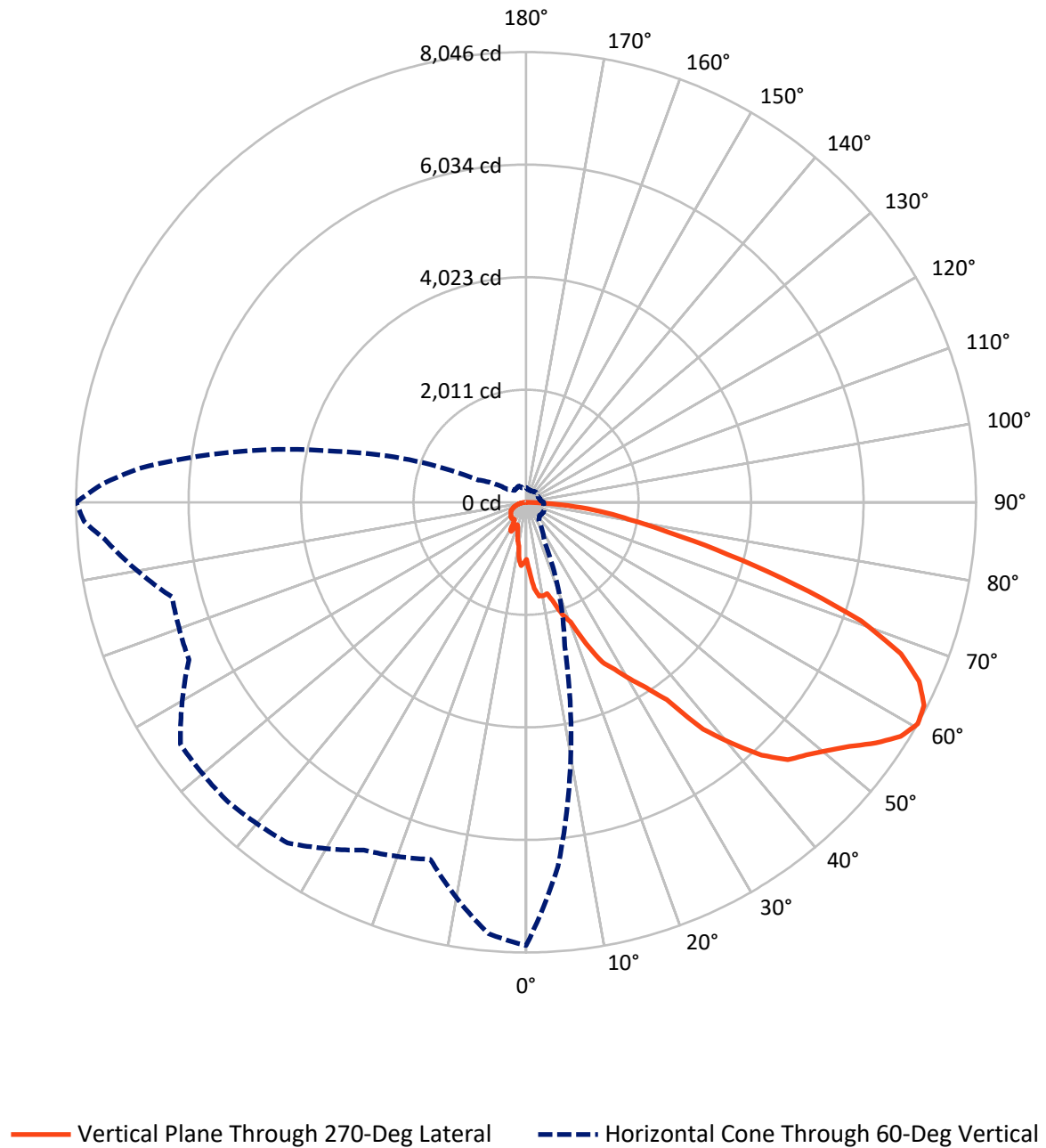
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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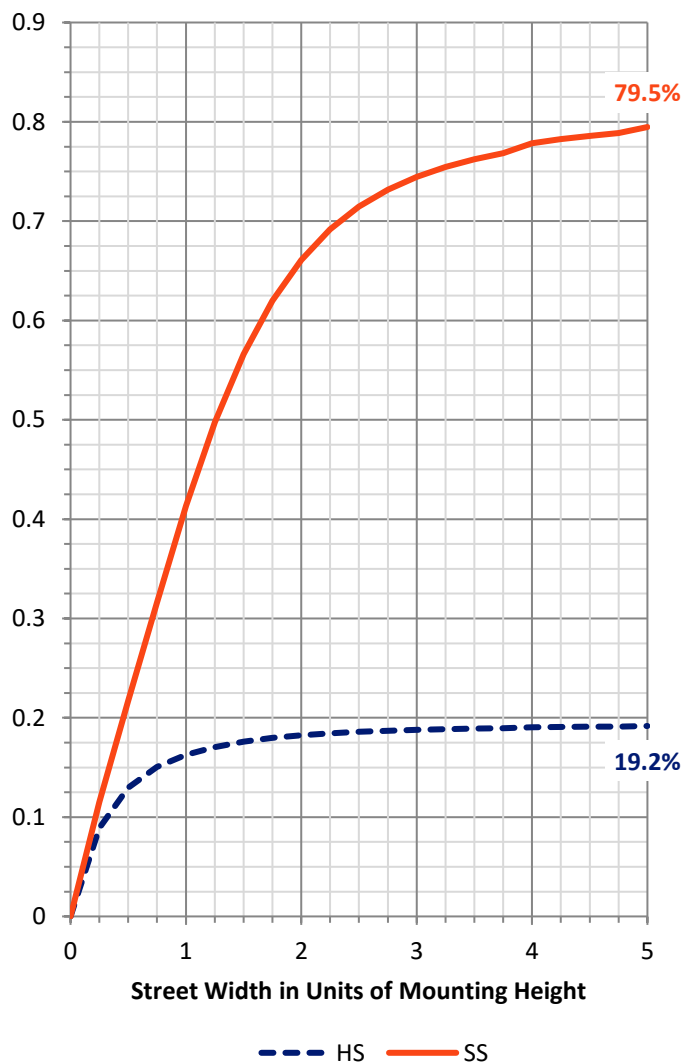
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1871.5	0.0	1871.5
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	7791.5	0.0	7791.5
	% Fixture	80.6	0.0	80.6
Total	Lumens	9663.0	0.0	9663.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.8	1.2
10°-20°	339.5	3.5
20°-30°	599.4	6.2
30°-40°	933.5	9.7
40°-50°	1536.9	15.9
50°-60°	2193.6	22.7
60°-70°	2326.1	24.1
70°-80°	1284.8	13.3
80°-90°	332.4	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°	9663.0	100.0
0°-180°	9663.0	100.0

Coefficient of Utilization



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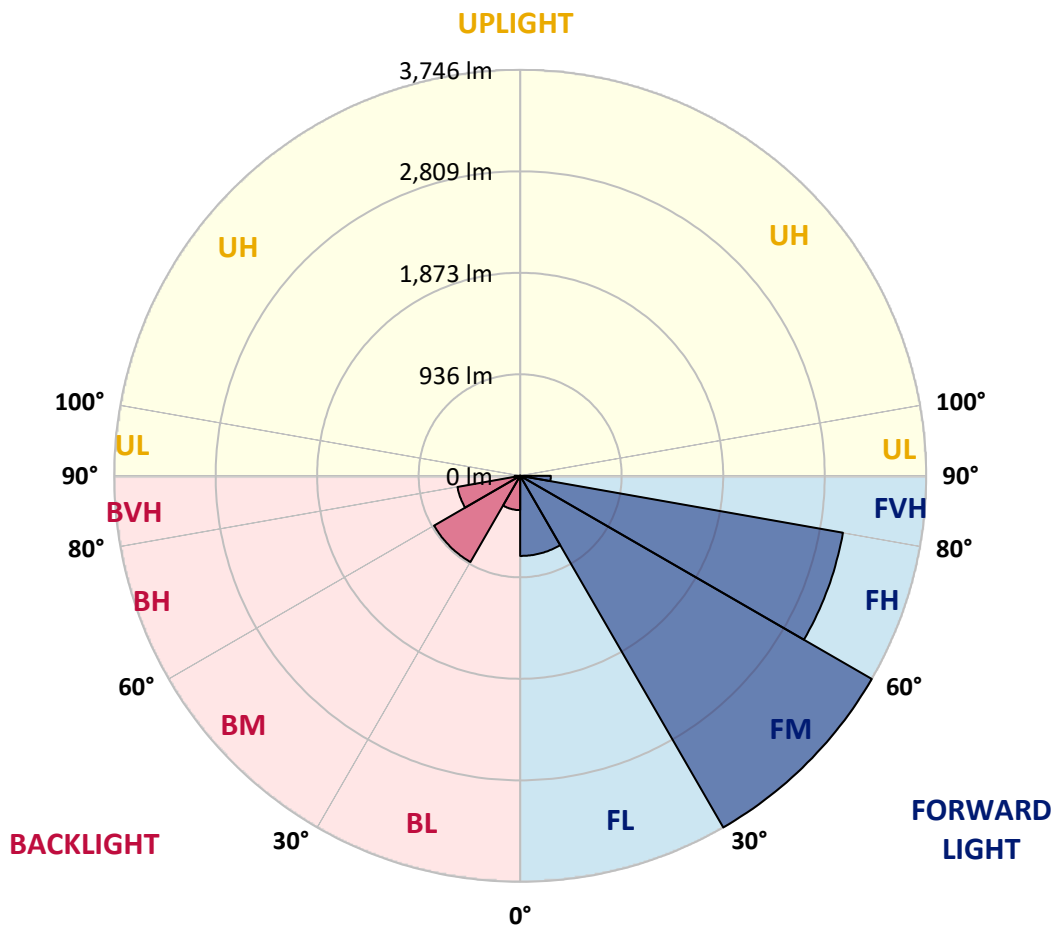
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	739.4	7.7			
FM (30°-60°)	3746.0	38.8			
FH (60°-80°)	3023.6	31.3			G2/5000
FVH (80°-90°)	282.5	2.9			G3/500
BL (0°-30°)	316.4	3.3	B1/500		
BM (30°-60°)	918.0	9.5	B1/1000		
BH (60°-80°)	587.2	6.1	B2/1000		G2/1000
BVH (80°-90°)	49.9	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°	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2
2.5°	1364.9	1373.3	1381.3	1365.3	1349.4	1333.0	1317.0	1293.1	1268.7	1244.8	1220.4
5°	1639.2	1608.3	1576.9	1564.2	1552.0	1539.3	1526.7	1515.0	1503.2	1491.0	1479.3
7.5°	1725.1	1681.0	1636.4	1617.7	1598.9	1579.7	1560.9	1518.7	1476.5	1433.8	1391.6
10°	1630.8	1584.8	1538.4	1520.1	1501.4	1483.1	1464.3	1412.7	1361.6	1310.0	1258.4
12.5°	1706.8	1659.9	1612.5	1554.4	1496.2	1437.6	1379.4	1350.8	1322.2	1293.1	1264.5
15°	1780.0	1716.6	1652.8	1594.7	1536.5	1477.9	1419.7	1362.5	1305.3	1248.1	1190.9
17.5°	2047.3	1941.8	1836.2	1731.2	1625.6	1520.6	1415.1	1348.9	1282.3	1216.2	1149.6
20°	2373.3	2226.5	2079.2	1919.7	1759.8	1600.3	1440.4	1356.9	1273.9	1190.4	1106.9
22.5°	2761.2	2575.9	2390.6	2189.4	1988.2	1786.5	1585.3	1464.3	1343.3	1221.8	1100.8
25°	3069.3	2891.1	2712.8	2457.7	2202.5	1947.4	1692.2	1554.8	1417.4	1279.5	1142.1
27.5°	3368.5	3084.8	2800.6	2508.4	2216.6	1924.4	1632.2	1505.1	1378.0	1250.9	1123.8
30°	3621.4	3396.2	3171.1	2789.8	2408.5	2026.7	1645.3	1489.2	1333.0	1176.8	1020.6
32.5°	3991.4	3670.1	3348.4	2950.6	2552.9	2155.2	1757.4	1557.6	1357.8	1158.0	958.2
35°	4424.3	4090.4	3756.4	3264.4	2772.9	2280.9	1788.9	1577.3	1365.3	1153.8	941.8
37.5°	5231.5	4642.9	4053.8	3516.8	2979.7	2442.2	1905.2	1659.4	1413.6	1167.4	921.6
40°	5676.6	5132.6	4588.5	3919.2	3249.9	2580.1	1910.8	1659.4	1407.5	1156.2	904.3
42.5°	6269.9	5581.9	4893.4	4169.6	3446.4	2722.7	1999.0	1720.4	1441.8	1162.7	884.1
45°	6631.6	5864.7	5097.4	4324.0	3550.5	2777.1	2003.7	1720.9	1438.0	1155.2	872.4
47.5°	6864.7	6128.3	5391.5	4558.9	3726.4	2893.4	2060.9	1760.7	1460.1	1159.9	859.3
50°	7085.6	6356.2	5626.4	4762.0	3898.1	3033.7	2169.2	1841.4	1513.5	1185.2	857.4
52.5°	7356.7	6685.0	6012.9	5085.7	4157.9	3230.7	2302.9	1946.0	1589.1	1232.1	875.2
55°	7751.1	7089.3	6427.1	5431.8	4436.1	3440.8	2445.0	2048.7	1652.8	1256.5	860.2
57.5°	8006.8	7335.6	6664.4	5649.4	4634.5	3619.0	2604.0	2165.0	1726.0	1286.5	847.5
60°	7921.9	7229.6	6536.8	5569.2	4601.6	3634.0	2666.4	2192.2	1718.5	1244.3	770.1
62.5°	7546.6	6810.7	6074.8	5208.1	4341.8	3475.0	2608.3	2126.1	1644.4	1162.2	680.1
65°	7022.3	6261.5	5500.3	4718.4	3936.5	3154.7	2372.8	1935.2	1497.1	1059.5	621.5
67.5°	6378.8	5585.6	4792.0	4099.8	3407.5	2714.7	2022.4	1656.6	1291.2	925.4	559.5
70°	5571.6	4792.0	4012.5	3413.6	2814.6	2215.7	1616.7	1341.4	1066.6	791.2	515.9
72.5°	4478.3	3805.7	3133.1	2661.7	2190.4	1719.0	1247.6	1056.2	865.4	674.0	482.6
75°	3185.2	2789.8	2394.4	2027.6	1660.8	1293.6	926.8	803.0	679.2	555.3	431.5
77.5°	2263.5	2030.4	1797.3	1509.8	1222.3	934.8	647.3	574.6	502.3	429.6	356.9
80°	1673.5	1478.8	1284.2	1067.5	850.8	634.1	417.4	381.8	346.6	311.0	275.3
82.5°	1101.7	1014.0	925.9	754.2	582.5	410.9	239.2	226.1	212.9	199.8	186.7
85°	493.4	521.1	548.3	443.2	337.7	232.6	127.1	121.0	114.9	108.8	102.7
87.5°	47.4	69.9	92.4	79.3	65.7	52.5	38.9	38.5	38.5	38.0	37.5
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



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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°	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2
2.5°	1227.0	1233.5	1240.1	1246.7	1239.6	1232.6	1225.1	1218.1	1209.2	1200.2	1190.9
5°	1459.6	1439.4	1419.7	1399.6	1369.6	1339.5	1309.1	1279.0	1275.3	1271.1	1267.3
7.5°	1354.5	1318.0	1280.9	1243.9	1197.0	1150.5	1103.6	1056.7	1042.6	1028.6	1014.5
10°	1233.5	1208.2	1183.4	1158.0	1128.9	1099.9	1070.3	1041.2	1002.8	963.8	925.4
12.5°	1223.2	1181.9	1140.2	1098.9	1081.1	1063.3	1045.5	1027.6	993.9	960.1	925.9
15°	1157.6	1123.8	1090.5	1056.7	1030.9	1005.1	979.3	953.5	926.3	898.7	871.5
17.5°	1111.1	1072.7	1034.2	995.7	966.2	936.6	906.6	877.1	844.2	810.9	778.1
20°	1062.8	1019.2	975.1	931.0	893.5	856.4	818.9	781.4	745.3	709.6	673.5
22.5°	1043.1	985.4	927.7	870.0	830.6	790.8	751.4	711.5	678.2	644.9	611.6
25°	1073.1	1004.7	935.7	866.8	813.8	760.3	707.3	653.8	626.2	598.5	570.3
27.5°	1038.0	951.7	865.8	779.5	722.8	665.5	608.8	551.6	547.4	543.1	538.4
30°	930.1	839.6	749.0	658.5	606.5	553.9	501.9	449.3	439.5	429.2	419.3
32.5°	865.8	773.4	681.0	588.6	542.2	495.3	448.9	402.0	390.7	379.4	368.2
35°	841.4	741.1	640.7	540.3	500.5	460.6	420.7	380.8	372.9	365.4	357.4
37.5°	821.7	722.3	622.4	522.5	484.0	445.6	406.6	368.2	362.1	356.0	349.9
40°	803.0	702.1	600.8	499.5	465.3	431.5	397.3	363.0	359.3	355.5	351.3
42.5°	786.1	688.1	589.6	491.5	461.1	431.0	400.5	370.1	366.3	362.6	358.8
45°	776.7	681.0	585.3	489.7	467.6	445.6	423.1	401.0	392.1	383.2	373.8
47.5°	769.7	680.1	590.5	500.9	477.9	455.0	432.0	409.0	401.0	393.0	384.6
50°	771.1	685.2	598.9	512.6	485.0	456.8	429.2	401.0	400.1	399.1	398.2
52.5°	783.7	692.8	601.3	509.8	479.8	449.8	419.3	389.3	395.4	401.0	407.1
55°	765.5	670.7	575.5	480.8	452.1	424.0	395.4	366.8	374.8	382.3	390.2
57.5°	744.8	642.1	539.4	436.7	415.1	393.5	371.5	349.9	358.3	367.2	375.7
60°	676.3	582.5	488.7	394.9	380.4	365.8	351.3	336.8	340.5	344.3	348.0
62.5°	601.3	522.0	443.2	364.0	352.7	341.0	329.7	318.0	318.0	318.5	318.5
65°	553.5	485.4	417.4	349.4	336.8	324.1	311.0	298.3	296.4	294.5	292.7
67.5°	505.6	452.1	398.2	344.3	326.0	308.2	289.9	271.6	269.2	267.3	265.0
70°	468.1	420.2	372.4	324.6	303.9	283.8	263.1	242.5	240.6	239.2	237.3
72.5°	437.6	393.0	348.0	303.0	281.4	259.4	237.8	215.8	214.3	212.9	211.1
75°	391.6	352.2	312.4	272.5	251.4	230.8	209.7	188.5	186.7	185.3	183.4
77.5°	324.1	290.8	258.0	224.7	208.2	192.3	175.9	159.5	158.5	157.6	156.2
80°	249.5	223.7	197.5	171.7	160.9	149.6	138.8	127.6	127.1	126.6	125.7
82.5°	171.2	155.7	140.2	124.8	116.8	108.3	100.4	91.9	92.4	92.9	93.3
85°	97.6	91.9	86.8	81.1	74.6	68.5	61.9	55.3	56.8	58.2	59.1
87.5°	35.6	33.8	31.9	30.0	26.7	23.9	20.6	17.4	18.3	19.7	20.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367536
 CATALOG NUMBER: MSA-SA2D-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: P367536
 CATALOG NUMBER: MSA-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2
2.5°	1181.9	1167.9	1153.8	1139.7	1125.7	1096.6	1068.0	1038.9	1009.8	1027.6	1045.9
5°	1263.1	1239.2	1214.8	1190.9	1166.5	1152.9	1139.3	1125.7	1112.1	1119.1	1126.6
7.5°	1000.4	986.4	971.8	957.8	943.2	937.1	931.5	925.4	919.3	936.6	954.0
10°	886.5	866.8	847.1	826.9	807.2	795.5	783.7	772.0	760.3	765.0	769.7
12.5°	892.1	863.0	833.9	804.8	775.8	758.4	741.1	723.7	706.4	710.6	714.8
15°	843.8	813.8	783.7	753.7	723.7	703.5	682.9	662.7	642.1	635.1	627.6
17.5°	744.8	712.0	679.2	646.3	613.5	599.9	586.3	572.7	559.1	551.6	544.1
20°	637.4	606.9	576.4	545.9	515.5	506.1	496.7	486.8	477.5	472.8	467.6
22.5°	578.3	559.5	540.3	521.6	502.3	491.5	481.2	470.4	459.6	454.5	448.9
25°	542.7	546.4	550.6	554.4	558.1	553.5	548.3	543.6	538.4	540.3	541.7
27.5°	534.2	542.2	550.6	558.6	566.6	570.8	575.0	579.2	583.5	584.9	586.3
30°	409.0	413.2	417.0	421.2	424.9	436.7	448.4	459.6	471.4	489.7	508.4
32.5°	356.9	355.5	354.1	352.2	350.8	353.6	356.5	358.8	361.6	368.2	375.2
35°	349.4	346.1	342.4	339.1	335.4	336.8	338.2	339.6	341.0	346.1	351.3
37.5°	343.8	342.4	341.5	340.0	338.6	341.9	344.7	348.0	350.8	355.1	359.3
40°	347.5	347.1	346.6	345.7	345.2	347.1	349.0	350.8	352.7	358.3	364.0
42.5°	355.1	355.1	354.6	354.6	354.1	356.0	357.4	359.3	360.7	364.0	367.2
45°	364.9	364.0	363.5	362.6	361.6	361.2	361.2	360.7	360.2	362.1	364.4
47.5°	376.6	373.3	369.6	366.3	362.6	361.6	360.2	359.3	357.9	358.8	359.7
50°	397.3	388.4	379.9	371.0	362.1	359.7	357.4	355.1	352.7	352.2	352.2
52.5°	412.7	399.6	386.5	373.3	360.2	356.0	351.8	347.5	343.3	342.4	341.9
55°	397.7	387.9	378.5	368.7	358.8	352.7	346.1	340.0	333.5	332.1	330.7
57.5°	384.1	378.0	371.9	365.8	359.7	353.6	347.1	341.0	334.4	331.1	327.8
60°	351.8	351.8	352.2	352.2	352.2	345.7	339.1	332.5	326.0	322.7	319.9
62.5°	318.5	323.6	328.3	333.5	338.2	329.3	319.9	311.0	301.6	299.2	297.4
65°	290.8	292.2	294.1	295.5	296.9	289.9	282.8	275.8	268.8	267.3	265.5
67.5°	262.7	262.2	261.7	260.8	260.3	256.1	251.4	247.2	242.5	240.6	238.7
70°	235.5	235.0	234.5	233.6	233.1	229.4	225.6	221.8	218.1	216.7	215.3
72.5°	209.7	209.2	208.2	207.8	206.8	203.6	200.7	197.5	194.2	192.3	190.4
75°	181.5	180.6	179.6	178.7	177.8	174.9	172.1	168.8	166.0	164.2	162.3
77.5°	155.2	153.8	152.4	150.6	149.2	146.8	144.0	141.6	138.8	136.5	134.6
80°	125.2	124.3	123.4	121.9	121.0	118.7	116.3	113.5	111.2	108.3	106.0
82.5°	93.8	93.3	92.4	91.9	91.0	88.6	86.3	84.0	81.6	78.8	76.0
85°	60.5	60.0	59.6	59.1	58.6	56.8	55.3	53.5	51.6	48.8	46.4
87.5°	21.6	20.6	20.2	19.2	18.3	17.8	16.9	16.4	15.5	14.1	12.7
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: P367536
 CATALOG NUMBER: MSA-SA2D-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: P367536

CATALOG NUMBER: MSA-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2
2.5°	1063.8	1081.6	1082.0	1082.0	1090.5	1098.5	1082.0	1065.6	1048.7	1032.3	1015.9
5°	1133.6	1140.7	1138.8	1136.5	1126.1	1115.8	1105.0	1094.2	1083.5	1072.7	1073.1
7.5°	971.4	988.7	1002.8	1016.4	1003.2	990.1	983.1	976.0	969.0	962.0	961.0
10°	773.9	778.6	784.2	789.4	781.4	773.0	787.0	801.1	814.7	828.8	813.3
12.5°	719.0	723.2	713.4	703.1	699.8	696.5	693.2	689.5	686.2	682.4	680.6
15°	620.5	613.0	605.5	597.5	595.7	593.3	591.0	588.2	585.8	583.0	574.6
17.5°	536.6	529.1	516.4	503.3	498.1	492.5	491.1	489.7	487.8	486.4	478.4
20°	462.9	457.8	454.5	450.7	445.6	440.4	435.3	430.1	424.5	419.3	411.8
22.5°	443.7	438.1	433.8	429.2	428.2	427.3	417.9	408.1	398.7	388.8	384.6
25°	543.6	545.0	519.2	492.9	490.6	488.3	471.4	454.0	437.1	419.8	405.2
27.5°	587.2	588.6	587.7	586.8	579.2	571.3	542.7	513.6	485.0	455.9	435.3
30°	526.7	545.0	552.0	559.1	553.9	548.3	518.3	488.7	458.7	428.7	415.1
32.5°	381.8	388.4	400.1	411.3	417.4	423.1	413.7	404.3	394.9	385.5	383.2
35°	356.0	361.2	363.5	365.8	362.1	358.3	351.3	344.3	336.8	329.7	328.3
37.5°	363.0	367.2	371.9	376.6	366.3	355.5	347.5	340.0	332.1	324.1	317.5
40°	369.6	375.2	378.0	380.8	370.5	360.2	350.4	341.0	331.1	321.3	314.7
42.5°	370.5	373.8	379.0	384.1	369.6	354.6	345.7	336.3	327.4	318.0	311.4
45°	366.3	368.2	372.9	377.6	360.7	343.3	335.4	326.9	318.9	310.5	304.9
47.5°	360.2	361.2	364.9	368.2	350.4	332.1	324.6	317.1	309.1	301.6	296.0
50°	351.8	351.3	354.1	356.5	338.2	319.9	312.4	305.3	297.8	290.3	285.6
52.5°	341.0	340.0	342.9	345.2	326.0	306.7	300.2	294.1	287.5	280.9	277.2
55°	328.8	327.4	329.7	332.1	313.3	294.1	288.5	282.4	276.7	270.6	267.3
57.5°	324.1	320.8	322.2	323.6	302.5	281.4	275.8	270.2	264.5	258.9	256.6
60°	316.6	313.3	314.7	315.7	293.1	270.2	265.0	259.4	254.2	248.6	246.2
62.5°	295.0	292.7	294.5	296.4	276.3	255.6	250.9	246.7	242.0	237.3	234.0
65°	264.1	262.2	265.9	269.7	252.3	235.0	232.2	229.4	226.1	223.3	220.0
67.5°	236.9	235.0	238.7	242.5	229.8	217.2	214.3	211.5	208.7	205.9	204.0
70°	213.9	212.5	215.8	219.0	208.2	197.5	194.6	192.3	189.5	186.7	185.3
72.5°	188.1	186.2	190.4	194.2	185.3	175.9	173.5	170.7	168.4	165.6	164.6
75°	160.4	158.5	162.3	165.6	159.5	152.9	150.6	148.2	145.9	143.5	143.1
77.5°	132.3	129.9	133.7	137.0	133.2	129.0	127.1	124.8	122.9	120.5	120.5
80°	103.2	100.4	103.2	105.5	104.1	102.7	101.3	99.4	98.0	96.2	96.6
82.5°	73.2	70.4	71.8	73.2	74.1	75.0	75.0	75.0	75.0	75.0	75.0
85°	43.6	40.8	41.3	41.7	43.2	44.6	45.0	45.5	46.0	46.4	46.9
87.5°	11.3	9.8	8.9	7.5	8.9	9.8	10.8	11.3	12.2	12.7	12.7
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: P367536
 CATALOG NUMBER: MSA-SA2D-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: P367536
 CATALOG NUMBER: MSA-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2
2.5°	999.5	982.6	966.2	976.5	986.4	996.7	1006.5	1007.0	1007.0	1007.5	1007.5
5°	1074.1	1074.5	1075.0	1065.2	1055.8	1045.9	1036.1	1030.9	1025.8	1020.1	1015.0
7.5°	959.6	958.7	957.3	947.9	938.5	929.1	919.8	897.2	874.3	851.8	828.8
10°	797.3	781.9	765.9	762.2	758.9	755.1	751.4	745.3	739.7	733.6	727.5
12.5°	678.7	676.8	674.9	665.1	655.2	644.9	635.1	635.1	635.1	635.1	635.1
15°	565.6	557.2	548.3	543.6	538.4	533.8	528.6	526.2	523.9	521.6	519.2
17.5°	470.0	462.0	453.5	452.6	451.7	450.7	449.8	447.5	445.1	442.8	440.4
20°	404.3	396.8	389.3	392.1	394.9	397.3	400.1	397.7	395.4	392.6	390.2
22.5°	379.9	375.7	371.0	368.7	366.3	363.5	361.2	361.2	361.6	361.6	361.6
25°	391.2	376.6	362.1	355.1	348.0	340.5	333.5	330.7	328.3	325.5	322.7
27.5°	414.6	393.5	372.9	360.7	348.5	336.3	324.1	318.9	313.3	308.2	302.5
30°	401.0	387.4	373.3	359.3	345.2	331.1	317.1	310.5	303.9	296.9	290.3
32.5°	380.8	378.0	375.7	362.6	349.4	335.8	322.7	319.9	317.5	314.7	311.9
35°	326.4	325.0	323.2	319.9	316.6	313.3	310.0	306.3	302.5	298.8	295.0
37.5°	311.4	304.9	298.3	296.9	295.5	294.1	292.7	291.3	289.9	288.0	286.6
40°	308.2	301.6	295.0	292.7	290.3	287.5	285.2	285.6	286.6	287.0	287.5
42.5°	304.4	297.8	290.8	288.9	287.0	285.2	283.3	283.8	284.7	285.2	285.6
45°	299.7	294.1	288.5	285.2	282.4	279.1	275.8	278.6	281.4	283.8	286.6
47.5°	290.3	284.2	278.6	276.7	274.8	272.5	270.6	273.4	276.3	278.6	281.4
50°	280.5	275.8	270.6	270.2	269.7	268.8	268.3	270.2	272.0	273.9	275.8
52.5°	273.0	269.2	265.0	265.0	264.5	264.5	264.1	265.9	267.8	269.2	271.1
55°	264.5	261.2	258.0	258.4	259.4	259.8	260.3	262.2	264.5	266.4	268.3
57.5°	253.7	251.4	248.6	250.5	251.9	253.7	255.2	256.6	258.4	259.8	261.2
60°	243.4	241.1	238.3	240.1	242.5	244.4	246.2	247.6	249.1	250.5	251.9
62.5°	230.8	227.0	223.7	226.5	228.9	231.7	234.0	235.0	236.4	237.3	238.3
65°	217.2	213.9	210.6	212.5	214.3	215.8	217.6	219.0	220.4	221.8	223.3
67.5°	201.7	199.8	197.5	198.9	200.3	201.7	203.1	203.6	203.6	204.0	204.0
70°	183.4	182.0	180.1	181.0	182.5	183.4	184.3	184.3	184.3	183.9	183.9
72.5°	164.2	163.2	162.3	162.8	163.7	164.2	164.6	164.2	163.7	163.2	162.8
75°	142.6	142.1	141.6	142.1	143.1	143.5	144.0	143.5	142.6	142.1	141.2
77.5°	121.0	121.0	121.0	121.0	121.5	121.5	121.5	120.5	119.6	118.7	117.7
80°	97.1	97.6	98.0	98.0	98.0	98.0	98.0	97.1	96.2	94.7	93.8
82.5°	75.0	75.0	75.0	75.0	75.5	75.5	75.5	73.2	71.3	68.9	66.6
85°	46.9	47.4	47.4	47.8	48.3	48.3	48.8	45.5	42.7	39.4	36.1
87.5°	12.7	12.7	12.7	12.7	12.7	12.2	12.2	9.4	6.1	3.3	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: P367536
 CATALOG NUMBER: MSA-SA2D-727-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: P367536

CATALOG NUMBER: MSA-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2
2.5°	1010.3	1013.1	1015.4	1018.3	1018.7	1019.2	1019.2	1019.7	1009.8	1000.0	989.6
5°	1022.0	1028.6	1035.6	1042.2	1040.8	1039.4	1038.0	1036.5	1033.7	1031.4	1028.6
7.5°	823.6	818.9	813.8	808.6	812.8	817.0	821.3	825.5	827.4	829.2	830.6
10°	715.7	704.0	692.3	680.6	674.0	667.0	660.4	653.4	652.4	651.9	651.0
12.5°	622.9	610.2	598.0	585.3	581.6	577.4	573.6	569.4	573.2	576.9	580.2
15°	514.1	509.4	504.2	499.0	503.3	507.5	511.7	515.9	519.7	523.0	526.7
17.5°	438.1	436.2	433.8	431.5	435.3	439.5	443.2	447.0	455.4	463.9	472.3
20°	388.4	386.9	385.1	383.2	381.8	379.9	378.5	376.6	388.8	400.5	412.7
22.5°	358.8	356.0	353.2	350.4	350.8	351.3	351.3	351.8	361.6	371.9	381.8
25°	321.8	320.8	319.9	318.9	321.8	324.6	326.9	329.7	338.6	347.5	356.0
27.5°	303.0	303.5	303.9	304.4	308.2	312.4	316.1	319.9	326.0	332.1	338.2
30°	292.7	295.5	297.8	300.2	301.6	303.0	304.4	305.8	311.9	317.5	323.6
32.5°	308.2	304.4	300.2	296.4	298.3	300.6	302.5	304.4	310.0	315.7	321.3
35°	293.6	291.7	290.3	288.5	290.8	293.1	295.0	297.4	302.5	307.2	312.4
37.5°	286.1	285.6	285.2	284.7	286.1	287.5	288.5	289.9	294.5	299.2	303.5
40°	285.6	283.3	281.4	279.1	280.5	281.9	282.8	284.2	289.9	295.5	301.1
42.5°	282.8	280.0	276.7	273.9	275.3	277.2	278.6	280.0	286.1	291.7	297.8
45°	282.4	278.1	273.4	269.2	271.1	273.0	274.8	276.7	281.4	286.1	290.3
47.5°	277.2	273.0	268.8	264.5	265.5	266.4	266.9	267.8	272.0	275.8	280.0
50°	273.0	269.7	266.9	263.6	262.2	261.2	259.8	258.4	261.7	265.0	268.3
52.5°	267.8	264.5	260.8	257.5	255.6	253.7	251.9	250.0	252.8	255.2	258.0
55°	264.5	260.3	256.6	252.3	250.0	247.6	245.3	243.0	244.8	246.2	248.1
57.5°	257.5	253.7	249.5	245.8	243.0	240.1	236.9	234.0	235.0	235.9	236.9
60°	248.1	243.9	240.1	235.9	232.6	229.4	225.6	222.3	222.8	223.7	224.2
62.5°	234.5	230.8	226.5	222.8	219.0	215.8	212.0	208.2	209.2	209.7	210.6
65°	219.5	215.3	211.5	207.3	204.0	200.7	197.0	193.7	194.6	195.6	196.1
67.5°	201.2	197.9	195.1	191.8	189.0	185.7	182.9	179.6	180.1	180.6	181.0
70°	181.5	178.7	176.4	173.5	171.2	168.8	166.5	164.2	164.2	164.6	164.6
72.5°	160.4	158.1	155.7	153.4	151.0	149.2	146.8	144.5	145.4	146.3	146.8
75°	138.8	137.0	134.6	132.3	130.4	128.5	126.2	124.3	125.2	126.2	126.6
77.5°	116.3	114.9	113.0	111.6	109.8	107.9	105.5	103.7	104.6	105.5	106.0
80°	92.9	91.9	90.5	89.6	87.7	85.8	84.0	82.1	82.5	82.5	83.0
82.5°	67.1	67.5	67.5	68.0	66.6	64.7	63.3	61.4	61.4	61.4	61.0
85°	37.5	39.4	40.8	42.2	40.8	39.4	38.0	36.6	36.1	36.1	35.6
87.5°	1.4	2.3	3.8	4.7	4.2	3.8	2.8	2.3	2.8	3.3	3.3
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: P367536
 CATALOG NUMBER: MSA-SA2D-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: P367536

CATALOG NUMBER: MSA-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2
2.5°	979.8	987.8	995.7	1003.7	1011.7	1023.9	1036.1	1048.7	1061.4	1054.4	1046.9
5°	1025.8	1030.5	1035.6	1040.3	1045.0	1058.6	1071.7	1088.1	1104.1	1102.2	1099.9
7.5°	832.5	839.1	845.7	851.8	858.3	879.0	899.6	916.9	934.3	932.0	929.1
10°	650.1	663.7	677.7	691.3	704.9	721.8	738.2	752.8	767.3	791.7	815.6
12.5°	583.9	605.0	626.2	647.3	668.4	680.6	692.3	711.0	729.8	742.9	756.5
15°	530.0	549.7	569.4	589.1	608.8	609.7	610.7	630.4	650.1	661.3	672.1
17.5°	480.8	491.5	502.3	512.6	523.4	519.7	515.9	525.3	534.2	538.9	544.1
20°	424.5	432.0	439.5	447.0	454.5	459.6	464.3	470.0	475.1	470.4	465.3
22.5°	391.6	402.9	414.6	425.9	437.1	440.4	443.2	439.9	436.7	435.3	433.8
25°	364.9	378.5	392.6	406.2	419.8	426.3	432.9	435.7	438.1	432.9	427.8
27.5°	344.3	360.7	376.6	393.0	409.0	420.7	432.4	435.7	438.5	434.8	430.6
30°	329.3	347.1	364.9	382.7	400.5	418.4	435.7	451.2	466.2	464.8	463.4
32.5°	326.9	339.1	351.3	363.5	375.7	386.9	397.7	398.7	399.1	395.4	391.2
35°	317.1	325.0	333.0	341.0	349.0	356.0	362.6	361.6	360.7	356.9	353.2
37.5°	308.2	316.1	324.6	332.5	340.5	352.7	364.4	362.1	359.3	355.5	351.8
40°	306.7	315.7	324.6	333.0	341.9	353.2	364.4	362.1	359.7	355.1	350.4
42.5°	303.5	312.4	320.8	329.7	338.2	351.8	364.9	360.7	356.0	352.2	348.5
45°	295.0	303.0	311.0	318.9	326.9	341.5	356.0	350.8	345.7	344.3	342.4
47.5°	283.8	291.7	299.7	307.7	315.7	330.2	344.3	340.0	335.4	334.9	333.9
50°	271.6	279.1	287.0	294.5	302.1	316.6	330.7	326.9	323.2	323.6	323.6
52.5°	260.3	267.3	273.9	280.9	287.5	302.1	316.1	313.3	310.0	311.0	311.4
55°	249.5	255.2	260.8	266.4	272.0	286.1	300.2	296.0	291.7	293.1	294.5
57.5°	237.8	242.5	247.2	251.4	256.1	270.2	283.8	279.1	273.9	276.3	278.1
60°	224.7	228.9	233.1	236.9	241.1	253.7	265.9	261.7	257.0	260.3	263.1
62.5°	211.1	214.3	217.6	220.9	224.2	235.9	247.6	244.4	241.1	244.8	248.1
65°	197.0	199.3	202.2	204.5	206.8	218.1	228.9	226.5	224.2	227.5	230.8
67.5°	181.5	183.4	185.7	187.6	189.5	199.8	210.1	207.8	205.0	207.8	210.1
70°	164.6	166.5	167.9	169.8	171.2	180.6	190.0	186.7	182.9	185.7	188.1
72.5°	147.7	148.7	150.1	151.0	152.0	159.0	166.0	163.2	160.4	163.2	165.6
75°	127.6	128.5	129.5	130.4	131.3	137.4	143.1	139.8	136.0	138.8	141.6
77.5°	106.9	107.4	108.3	108.8	109.3	113.5	117.3	114.0	110.2	113.5	116.8
80°	83.0	83.5	84.0	84.0	84.4	85.8	87.2	84.9	82.1	86.3	90.5
82.5°	61.0	60.5	60.5	60.0	59.6	59.6	59.1	57.7	55.8	59.6	63.3
85°	35.2	34.7	33.8	33.3	32.4	31.0	29.5	29.1	28.6	31.9	35.2
87.5°	3.8	3.3	2.3	1.9	0.9	0.5	0.0	0.0	0.0	1.9	4.2
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: P367536
 CATALOG NUMBER: MSA-SA2D-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: P367536

CATALOG NUMBER: MSA-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2
2.5°	1039.8	1032.3	1025.3	1018.3	1011.2	1004.2	1017.3	1030.5	1043.6	1056.7	1068.4
5°	1098.0	1095.6	1089.5	1083.9	1077.8	1071.7	1075.0	1078.8	1082.0	1085.3	1092.4
7.5°	926.8	924.0	937.1	949.8	962.9	975.6	978.9	981.7	985.0	987.8	985.9
10°	840.0	863.9	870.0	875.7	881.8	887.4	896.8	906.2	915.1	924.5	929.6
12.5°	769.7	782.8	804.4	826.4	848.0	869.6	883.6	897.7	911.8	925.9	954.9
15°	683.4	694.2	710.6	727.0	743.4	759.8	780.0	800.6	820.8	841.0	872.9
17.5°	548.8	553.5	565.6	577.8	589.6	601.8	629.0	655.7	682.9	709.6	746.2
20°	460.6	455.4	455.4	455.9	455.9	455.9	483.1	509.8	537.0	563.8	612.1
22.5°	432.0	430.6	425.4	419.8	414.6	409.0	423.1	437.6	451.7	465.7	505.1
25°	422.1	417.0	410.4	403.8	397.3	390.7	399.6	408.5	417.4	426.3	457.3
27.5°	426.8	422.6	425.9	428.7	432.0	434.8	437.6	440.4	443.2	446.0	456.8
30°	462.0	460.6	465.7	470.4	475.6	480.3	473.7	467.6	461.1	454.5	458.2
32.5°	387.4	383.2	381.3	379.4	377.6	375.7	375.2	374.8	373.8	373.3	381.8
35°	349.4	345.7	342.9	340.0	336.8	333.9	335.4	336.3	337.7	338.6	348.0
37.5°	348.0	344.3	341.0	337.7	333.9	330.7	332.1	333.9	335.4	336.8	343.8
40°	345.7	341.0	339.1	337.2	335.4	333.5	334.4	335.4	335.8	336.8	341.9
42.5°	344.3	340.5	339.6	338.6	337.7	336.8	337.7	338.6	339.1	340.0	346.1
45°	341.0	339.1	340.0	341.0	341.9	342.9	342.9	342.9	342.9	342.9	349.4
47.5°	333.5	332.5	335.4	338.2	341.0	343.8	348.5	353.2	357.4	362.1	363.5
50°	324.1	324.1	328.8	333.5	337.7	342.4	353.6	364.4	375.7	386.5	379.4
52.5°	312.4	312.8	319.9	326.4	333.5	340.0	350.4	360.7	370.5	380.8	370.5
55°	295.5	296.9	305.8	314.2	323.2	331.6	339.6	347.5	355.5	363.5	352.7
57.5°	280.5	282.4	291.7	300.6	310.0	318.9	323.6	328.8	333.5	338.2	331.1
60°	266.4	269.2	281.4	293.6	305.3	317.5	313.8	310.0	305.8	302.1	301.6
62.5°	251.9	255.2	266.4	277.7	288.5	299.7	294.1	288.5	282.4	276.7	279.1
65°	233.6	236.9	242.0	247.2	251.9	257.0	256.6	256.6	256.1	255.6	260.3
67.5°	212.9	215.3	218.6	221.4	224.7	227.5	229.4	231.7	233.6	235.5	241.1
70°	190.9	193.2	196.5	199.3	202.6	205.4	207.8	210.1	212.0	214.3	220.0
72.5°	168.4	170.7	174.0	177.3	180.1	183.4	185.3	187.1	188.5	190.4	195.1
75°	144.5	147.3	150.6	153.4	156.7	159.5	160.9	162.3	163.7	165.1	169.3
77.5°	120.1	123.4	126.6	129.9	133.2	136.5	137.0	137.4	137.9	138.4	142.1
80°	94.3	98.5	101.8	105.1	108.3	111.6	111.6	111.6	111.6	111.6	113.5
82.5°	67.1	70.8	74.6	77.9	81.6	84.9	84.9	84.4	84.4	84.0	84.0
85°	38.5	41.7	44.1	46.9	49.2	51.6	51.6	51.6	51.1	51.1	50.2
87.5°	6.1	8.0	8.9	10.3	11.3	12.2	11.7	11.7	11.3	10.8	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: P367536
 CATALOG NUMBER: MSA-SA2D-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: P367536

CATALOG NUMBER: MSA-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2
2.5°	1080.2	1091.9	1103.6	1101.7	1099.9	1098.0	1096.1	1103.2	1109.7	1116.8	1123.3
5°	1098.9	1106.0	1112.5	1117.7	1122.8	1128.0	1133.2	1157.1	1180.5	1204.5	1227.9
7.5°	984.0	981.7	979.8	1001.8	1024.4	1046.4	1068.4	1098.9	1129.4	1159.9	1190.4
10°	934.8	939.9	945.1	954.0	963.4	972.3	981.2	1011.2	1041.2	1071.3	1101.3
12.5°	983.5	1012.6	1041.2	1048.3	1055.8	1062.8	1069.8	1075.9	1082.0	1087.7	1093.8
15°	904.8	936.6	968.5	986.8	1005.1	1022.9	1041.2	1087.2	1132.7	1178.7	1224.2
17.5°	782.3	818.9	855.0	900.1	945.1	990.1	1035.1	1077.4	1119.6	1161.3	1203.5
20°	660.4	708.2	756.5	805.8	854.6	903.8	952.6	993.9	1035.1	1075.9	1117.2
22.5°	544.1	583.5	622.4	682.4	742.0	802.0	861.6	938.5	1015.0	1091.9	1168.3
25°	487.8	518.7	549.2	611.1	673.1	734.5	796.4	896.3	995.7	1095.6	1195.1
27.5°	468.1	478.9	489.7	545.9	601.8	658.0	713.9	821.7	929.6	1037.0	1144.9
30°	462.0	465.7	469.5	513.6	557.7	601.8	645.8	752.3	859.3	965.7	1072.2
32.5°	389.8	398.2	406.2	449.3	492.0	535.2	577.8	685.2	792.2	899.6	1006.5
35°	357.4	366.8	376.2	418.4	460.6	502.3	544.5	657.6	771.1	884.1	997.2
37.5°	350.8	357.9	364.9	412.7	460.6	508.4	556.3	670.7	785.2	899.6	1014.0
40°	347.5	352.7	357.9	404.3	451.2	497.6	544.1	664.1	783.7	903.8	1023.4
42.5°	351.8	357.9	363.5	405.7	447.5	489.7	531.4	655.7	779.5	903.8	1027.6
45°	355.5	362.1	368.2	407.6	447.0	486.4	525.8	658.5	790.8	923.5	1055.8
47.5°	364.4	365.8	366.8	401.0	434.8	469.0	502.8	637.9	773.0	907.6	1042.6
50°	371.9	364.9	357.4	393.0	428.2	463.9	499.0	627.1	755.1	882.7	1010.8
52.5°	360.2	349.4	339.1	377.6	416.0	454.0	492.5	620.5	749.0	877.1	1005.1
55°	342.4	331.6	320.8	359.7	398.7	437.6	476.5	604.1	732.2	859.7	987.3
57.5°	324.6	317.5	310.5	342.4	374.8	406.6	438.5	576.9	714.8	853.2	991.1
60°	301.1	300.2	299.7	324.6	349.9	374.8	399.6	535.2	670.2	805.8	940.9
62.5°	280.9	283.3	285.2	305.3	325.5	345.2	365.4	496.2	627.6	758.4	889.3
65°	265.5	270.2	274.8	297.8	320.8	343.3	366.3	476.1	585.8	695.6	805.3
67.5°	246.7	252.3	258.0	288.0	318.0	348.0	378.0	468.6	559.1	649.6	740.1
70°	225.1	230.8	235.9	274.4	312.4	350.8	388.8	469.0	549.7	629.9	710.1
72.5°	199.8	204.5	209.2	250.5	291.7	333.0	374.3	442.3	510.3	577.8	645.8
75°	174.0	178.2	182.5	218.1	253.7	289.4	325.0	377.6	429.6	482.2	534.2
77.5°	145.4	149.2	152.4	176.4	200.3	224.2	248.1	288.5	328.3	368.7	408.5
80°	115.4	117.3	119.1	133.2	146.8	160.9	174.5	201.2	227.9	254.2	280.9
82.5°	84.4	84.4	84.4	93.3	102.7	111.6	120.5	134.1	147.3	160.9	174.0
85°	49.2	47.8	46.9	53.0	59.1	65.2	71.3	76.9	82.5	88.2	93.8
87.5°	8.0	6.1	4.7	8.4	12.2	15.9	19.7	21.6	23.9	25.8	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



REPORT NUMBER: P367536
 CATALOG NUMBER: MSA-SA2D-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: P367536

CATALOG NUMBER: MSA-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2
2.5°	1107.4	1091.9	1075.9	1060.0	1083.5	1106.9	1130.4	1153.8	1216.2	1253.2	1255.6
5°	1247.6	1267.3	1287.0	1306.7	1326.4	1346.1	1365.3	1385.0	1486.3	1548.7	1560.5
7.5°	1222.8	1255.6	1287.9	1320.3	1376.1	1431.9	1487.8	1543.6	1629.4	1691.3	1732.1
10°	1141.6	1181.9	1222.3	1262.6	1328.8	1395.4	1461.5	1527.6	1618.6	1700.2	1739.2
12.5°	1158.0	1222.3	1286.1	1350.3	1407.5	1465.2	1522.5	1579.7	1642.5	1673.5	1744.3
15°	1268.7	1313.3	1357.8	1402.4	1488.7	1574.5	1660.8	1746.7	1782.3	1853.1	1916.9
17.5°	1285.6	1367.2	1449.3	1530.9	1636.4	1742.0	1847.5	1953.0	2019.2	2110.6	2187.5
20°	1233.1	1348.5	1464.3	1579.7	1715.7	1852.2	1988.2	2124.2	2208.2	2285.1	2404.2
22.5°	1295.9	1423.5	1550.6	1678.2	1858.8	2038.9	2219.4	2399.5	2575.0	2746.6	2827.3
25°	1365.3	1536.1	1706.3	1876.6	2102.2	2327.3	2552.9	2778.0	3003.6	3164.5	3257.4
27.5°	1316.6	1487.8	1659.4	1830.6	2109.7	2389.2	2668.3	2947.4	3188.9	3382.6	3462.4
30°	1282.3	1492.4	1702.6	1912.7	2240.1	2567.5	2894.8	3222.2	3445.5	3661.7	3778.9
32.5°	1276.2	1545.9	1815.1	2084.8	2466.1	2847.0	3228.3	3609.2	3757.4	3949.2	4107.3
35°	1293.1	1589.5	1885.5	2181.4	2618.6	3055.7	3492.4	3929.5	4140.1	4330.1	4468.4
37.5°	1344.7	1675.4	2005.6	2336.2	2862.9	3390.1	3916.8	4443.6	4796.7	5144.3	5206.2
40°	1373.8	1724.6	2075.0	2425.3	3037.9	3650.4	4263.0	4875.5	5281.7	5663.0	5688.8
42.5°	1408.0	1788.4	2168.3	2548.7	3227.8	3907.5	4586.6	5265.8	5768.6	6178.5	6190.7
45°	1447.4	1838.6	2230.2	2621.4	3330.6	4039.3	4748.4	5457.1	6065.0	6563.1	6441.6
47.5°	1462.9	1883.6	2303.9	2724.1	3480.2	4235.8	4991.8	5747.5	6292.9	6746.0	6629.7
50°	1469.0	1927.7	2385.9	2844.2	3627.5	4411.2	5194.5	5977.7	6532.6	6974.4	6796.2
52.5°	1507.0	2008.8	2510.7	3012.6	3828.7	4644.8	5460.9	6277.0	6822.9	7247.4	7026.0
55°	1558.1	2128.9	2699.2	3270.1	4114.8	4959.0	5803.7	6648.0	7195.8	7590.7	7316.3
57.5°	1605.5	2220.4	2834.8	3449.2	4324.4	5200.1	6075.3	6950.5	7505.4	7896.1	7630.1
60°	1582.5	2224.1	2865.8	3507.4	4367.6	5227.3	6087.5	6947.2	7577.1	8045.7	7909.7
62.5°	1513.1	2136.9	2760.2	3384.0	4200.6	5016.7	5833.3	6649.4	7386.7	7987.5	7981.4
65°	1379.4	1953.5	2527.1	3101.2	3856.8	4612.9	5368.5	6124.1	6993.2	7723.0	7770.4
67.5°	1216.7	1693.2	2169.7	2646.2	3357.8	4069.3	4780.8	5492.3	6421.4	7226.8	7267.6
70°	1059.1	1408.5	1757.4	2106.4	2731.1	3355.9	3980.2	4604.9	5543.4	6358.1	6395.6
72.5°	874.3	1102.7	1330.6	1559.0	2065.1	2571.2	3076.8	3582.9	4407.0	5033.6	5245.1
75°	669.8	805.3	940.9	1076.4	1485.9	1895.3	2304.3	2713.8	3261.6	3724.1	3962.3
77.5°	478.9	549.2	619.6	689.9	1038.0	1386.0	1733.5	2081.5	2369.5	2631.7	2792.6
80°	314.2	347.1	380.4	413.2	702.6	992.0	1280.9	1570.3	1745.7	1886.4	1967.6
82.5°	190.4	206.8	222.8	239.2	473.7	708.2	942.3	1176.8	1277.2	1344.2	1416.5
85°	102.7	111.6	120.5	129.5	280.0	430.1	580.7	730.7	740.6	748.6	856.0
87.5°	30.0	32.8	35.2	37.5	61.9	86.8	111.2	135.5	84.4	52.5	107.9
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: P367536
 CATALOG NUMBER: MSA-SA2D-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: P367536

CATALOG NUMBER: MSA-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2
2.5°	1242.0	1235.9	1229.8	1223.2	1217.1	1191.3	1166.0	1140.2	1114.4	1139.3	1163.7
5°	1546.8	1565.6	1583.9	1602.7	1621.4	1622.8	1623.8	1625.2	1626.1	1630.8	1635.5
7.5°	1766.4	1799.7	1832.5	1865.8	1899.1	1924.9	1950.7	1976.9	2002.7	1979.3	1955.8
10°	1785.1	1855.5	1925.8	1996.2	2066.5	2079.2	2091.4	2104.1	2116.7	2133.6	2150.0
12.5°	1803.9	1889.7	1975.1	2060.9	2146.7	2184.3	2221.3	2258.8	2295.9	2314.2	2332.0
15°	2002.3	2052.9	2103.1	2153.8	2204.0	2229.8	2255.1	2280.9	2306.7	2322.2	2337.2
17.5°	2257.4	2276.2	2294.5	2313.2	2332.0	2349.4	2366.7	2384.1	2401.4	2404.2	2407.0
20°	2490.1	2493.8	2497.1	2500.8	2504.1	2467.5	2431.4	2394.8	2358.3	2364.8	2370.9
22.5°	2839.0	2818.4	2798.2	2777.6	2757.4	2688.5	2620.0	2551.0	2482.6	2453.0	2423.9
25°	3364.3	3311.8	3259.3	3206.7	3154.2	3044.5	2935.2	2825.4	2716.1	2651.9	2588.1
27.5°	3533.6	3419.2	3305.2	3190.8	3076.3	2993.3	2910.8	2827.8	2745.2	2643.4	2541.7
30°	3876.0	3695.5	3515.4	3334.8	3154.2	3074.0	2993.8	2913.1	2832.9	2728.8	2625.1
32.5°	4179.5	3991.9	3804.3	3616.2	3428.6	3276.6	3124.7	2972.7	2820.7	2750.4	2680.0
35°	4530.8	4294.9	4059.0	3823.0	3587.1	3456.7	3326.8	3196.4	3066.5	2960.0	2854.0
37.5°	5042.5	4791.6	4540.6	4289.2	4038.3	3862.0	3686.1	3509.7	3333.8	3275.2	3217.1
40°	5530.3	5233.9	4937.9	4641.5	4345.5	4210.5	4075.4	3939.8	3804.7	3705.8	3606.8
42.5°	5938.8	5645.7	5353.0	5059.9	4767.2	4668.7	4570.7	4472.2	4374.1	4292.5	4210.9
45°	6079.1	5839.8	5601.1	5361.9	5122.7	5088.0	5053.8	5019.1	4984.8	4924.3	4863.8
47.5°	6304.7	6060.8	5817.3	5573.4	5329.5	5342.2	5354.9	5368.0	5380.7	5384.0	5386.8
50°	6437.4	6205.7	5974.5	5742.8	5511.5	5573.0	5633.9	5695.4	5756.8	5896.1	6035.0
52.5°	6631.1	6403.6	6176.6	5949.1	5721.7	5825.8	5929.4	6033.6	6137.2	6332.3	6527.4
55°	6874.1	6656.4	6439.3	6221.6	6004.5	6105.8	6206.6	6307.9	6408.8	6625.9	6843.1
57.5°	7196.3	6963.2	6730.5	6497.4	6264.8	6358.1	6451.0	6544.3	6637.2	6843.6	7049.9
60°	7563.1	7309.8	7056.5	6802.8	6549.5	6575.3	6600.6	6626.4	6651.7	6875.5	7098.7
62.5°	7743.2	7508.6	7274.6	7040.1	6805.6	6733.8	6662.1	6589.8	6518.1	6718.3	6918.1
65°	7587.0	7425.6	7264.8	7103.4	6942.1	6815.4	6689.3	6562.6	6436.0	6561.2	6686.0
67.5°	7089.8	6998.3	6907.4	6815.9	6724.4	6512.0	6299.5	6086.6	5874.1	5882.5	5890.5
70°	6284.0	6259.6	6235.7	6211.3	6186.9	5867.5	5548.6	5229.2	4909.8	4861.0	4812.2
72.5°	5262.9	5278.9	5294.4	5310.3	5326.3	4982.9	4639.6	4296.3	3953.0	3871.8	3790.7
75°	4076.3	4164.5	4252.7	4341.3	4429.5	4101.2	3772.8	3444.1	3115.7	3015.8	2915.9
77.5°	2880.3	3044.9	3209.1	3373.7	3538.3	3241.4	2945.0	2648.1	2351.2	2286.5	2221.8
80°	2008.4	2089.0	2169.7	2250.4	2331.1	2181.9	2032.8	1883.6	1734.5	1752.3	1769.6
82.5°	1462.9	1481.7	1499.9	1518.7	1537.5	1476.5	1415.5	1354.1	1293.1	1339.5	1386.0
85°	937.1	1004.2	1070.8	1137.9	1204.5	1136.9	1069.4	1001.4	933.8	964.8	995.7
87.5°	209.7	331.6	453.5	576.0	697.9	632.2	567.1	501.4	435.7	406.2	377.1
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: P367536
 CATALOG NUMBER: MSA-SA2D-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: P367536

CATALOG NUMBER: MSA-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2
2.5°	1188.5	1213.4	1205.9	1198.8	1191.3	1183.8	1197.4	1211.0	1225.1	1238.7	1234.0
5°	1640.7	1645.3	1600.8	1556.7	1512.1	1467.6	1495.3	1522.9	1550.6	1578.3	1568.4
7.5°	1932.4	1908.9	1883.1	1857.3	1831.1	1805.3	1799.7	1794.0	1787.9	1782.3	1774.8
10°	2166.9	2183.3	2166.4	2150.0	2133.1	2116.2	2076.8	2037.5	1997.6	1958.2	1941.8
12.5°	2350.3	2368.6	2372.8	2376.6	2380.8	2385.0	2340.9	2297.3	2253.2	2209.1	2169.2
15°	2352.6	2368.1	2381.7	2394.8	2408.5	2421.6	2394.4	2367.6	2340.4	2313.2	2300.6
17.5°	2410.3	2413.1	2401.9	2391.1	2379.8	2369.1	2358.3	2347.9	2337.2	2326.8	2306.7
20°	2377.5	2384.1	2382.7	2381.2	2379.4	2378.0	2378.9	2379.4	2380.3	2380.8	2369.5
22.5°	2394.4	2364.8	2370.9	2376.6	2382.7	2388.3	2405.2	2422.1	2439.4	2456.3	2501.3
25°	2523.8	2459.6	2449.7	2440.3	2430.5	2421.1	2465.2	2508.8	2552.9	2597.0	2670.2
27.5°	2439.4	2337.6	2315.1	2292.6	2270.1	2247.6	2314.6	2381.2	2448.3	2515.4	2590.0
30°	2521.0	2417.4	2367.6	2317.9	2267.7	2218.0	2282.3	2346.1	2410.3	2474.1	2556.7
32.5°	2609.7	2539.3	2506.0	2473.2	2439.9	2407.0	2412.2	2417.4	2422.5	2427.7	2544.0
35°	2747.6	2641.1	2608.3	2575.4	2542.6	2509.8	2564.6	2619.0	2673.9	2728.3	2826.8
37.5°	3158.4	3099.8	3040.7	2981.6	2922.0	2862.9	2895.3	2927.7	2960.0	2992.4	3085.3
40°	3507.8	3408.9	3399.0	3389.7	3379.8	3370.0	3372.8	3375.1	3377.9	3380.7	3460.0
42.5°	4128.8	4047.2	3997.0	3946.9	3896.7	3846.5	3843.2	3839.9	3836.2	3832.9	3892.5
45°	4802.8	4742.3	4704.8	4667.3	4629.3	4591.8	4532.2	4472.6	4412.6	4353.0	4405.1
47.5°	5390.1	5393.3	5461.3	5528.9	5596.9	5664.9	5563.1	5461.3	5359.6	5257.8	5190.7
50°	6174.3	6313.1	6329.5	6345.5	6361.9	6378.3	6205.7	6033.6	5861.0	5688.4	5618.0
52.5°	6723.0	6918.1	6892.8	6868.0	6842.6	6817.3	6717.4	6618.0	6518.1	6418.2	6264.8
55°	7060.7	7277.9	7258.7	7239.9	7220.7	7201.4	7128.7	7056.0	6983.3	6910.6	6742.3
57.5°	7256.3	7462.7	7468.3	7473.9	7479.6	7485.2	7466.0	7446.7	7427.5	7408.3	7189.2
60°	7322.4	7546.2	7548.5	7550.4	7552.7	7554.6	7524.1	7493.6	7462.7	7432.2	7289.1
62.5°	7118.4	7318.2	7327.1	7335.6	7344.5	7353.4	7332.3	7311.2	7290.1	7269.0	7163.0
65°	6811.2	6936.4	6938.8	6940.7	6943.0	6945.3	6891.9	6838.9	6785.4	6731.9	6706.6
67.5°	5898.9	5907.4	5957.1	6006.8	6056.5	6106.3	6110.5	6114.7	6119.4	6123.6	6087.0
70°	4763.4	4714.7	4768.6	4822.5	4876.5	4930.4	4953.4	4976.4	4999.8	5022.8	5039.7
72.5°	3709.1	3627.9	3667.8	3707.7	3748.0	3787.9	3753.6	3719.4	3685.1	3650.9	3759.2
75°	2816.0	2716.1	2711.0	2706.3	2701.1	2696.4	2679.1	2661.7	2643.9	2626.5	2727.9
77.5°	2156.6	2091.9	2095.1	2098.0	2101.2	2104.1	2086.2	2068.9	2051.1	2033.2	2072.2
80°	1787.5	1804.8	1805.3	1805.8	1806.2	1806.7	1789.8	1773.4	1756.5	1739.6	1711.5
82.5°	1432.9	1479.3	1478.8	1478.8	1478.4	1477.9	1477.0	1476.0	1474.6	1473.7	1427.7
85°	1026.7	1057.7	1025.8	993.9	962.0	930.1	953.5	977.0	1000.9	1024.4	1005.1
87.5°	347.5	318.5	280.5	243.0	205.0	167.0	207.8	248.6	289.9	330.7	354.1
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: P367536
 CATALOG NUMBER: MSA-SA2D-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: P367536

CATALOG NUMBER: MSA-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2	1019.2
2.5°	1229.8	1225.1	1220.9	1191.3	1161.3	1131.8	1101.7	1156.2	1211.0	1265.4	1319.8
5°	1559.0	1549.2	1539.8	1537.5	1535.1	1532.3	1530.0	1557.6	1585.3	1612.5	1640.2
7.5°	1767.3	1759.8	1752.3	1732.6	1713.4	1693.7	1674.0	1690.8	1707.3	1724.1	1740.6
10°	1925.8	1909.4	1893.0	1850.3	1808.1	1765.4	1722.7	1710.1	1697.4	1684.7	1672.1
12.5°	2129.4	2089.0	2049.2	2000.9	1952.1	1903.8	1855.0	1848.4	1841.9	1835.8	1829.2
15°	2288.4	2275.7	2263.1	2224.6	2186.1	2147.7	2109.2	2057.6	2005.6	1954.0	1902.4
17.5°	2287.0	2266.8	2247.1	2298.7	2349.8	2401.4	2452.5	2397.7	2342.3	2287.4	2232.6
20°	2358.3	2346.5	2335.3	2430.5	2525.2	2620.5	2715.2	2685.2	2654.7	2624.7	2594.2
22.5°	2545.9	2590.9	2635.5	2717.1	2798.2	2879.8	2961.0	2995.2	3029.4	3063.7	3097.9
25°	2742.9	2816.0	2889.2	3010.7	3131.7	3253.2	3374.6	3399.0	3423.4	3447.8	3472.2
27.5°	2664.1	2738.6	2813.2	2905.2	2996.6	3088.5	3180.0	3286.9	3394.3	3501.3	3608.2
30°	2638.7	2721.3	2803.4	2929.5	3055.2	3181.4	3307.6	3454.8	3602.1	3748.9	3896.2
32.5°	2659.8	2776.2	2892.5	3063.2	3233.5	3404.2	3574.9	3729.7	3884.9	4039.7	4194.5
35°	2924.8	3023.3	3121.4	3312.3	3503.2	3694.1	3884.9	4066.5	4248.0	4429.0	4610.5
37.5°	3177.7	3270.5	3363.4	3558.5	3753.2	3948.3	4143.4	4430.0	4717.0	5003.6	5290.2
40°	3538.8	3618.1	3696.9	3863.8	4030.8	4197.8	4364.8	4710.4	5056.1	5401.8	5747.5
42.5°	3951.5	4011.1	4070.2	4243.3	4416.4	4589.4	4762.5	5138.7	5515.3	5891.4	6267.6
45°	4456.7	4508.8	4560.8	4679.9	4799.1	4918.7	5037.8	5425.7	5813.6	6201.5	6589.4
47.5°	5123.6	5056.6	4989.5	5048.1	5106.8	5165.4	5224.0	5607.7	5991.3	6374.5	6758.2
50°	5547.6	5477.3	5406.9	5412.1	5416.8	5421.9	5427.1	5785.0	6142.8	6500.2	6858.1
52.5°	6111.4	5957.6	5804.2	5802.8	5801.4	5799.5	5798.1	6110.0	6422.4	6734.3	7046.2
55°	6573.9	6405.5	6237.1	6204.3	6171.5	6138.2	6105.3	6413.9	6722.1	7030.7	7338.9
57.5°	6970.2	6750.7	6531.7	6480.1	6428.5	6376.9	6325.3	6657.8	6990.8	7323.4	7655.9
60°	7146.6	7003.5	6860.9	6797.6	6734.3	6671.0	6607.6	6890.9	7174.2	7457.1	7740.3
62.5°	7057.4	6951.4	6845.9	6860.5	6875.0	6889.5	6904.1	7065.9	7228.2	7390.0	7551.8
65°	6681.8	6656.4	6631.6	6748.8	6866.1	6983.3	7100.6	7102.9	7105.3	7107.6	7110.0
67.5°	6050.4	6013.9	5977.3	6221.2	6464.6	6708.5	6952.4	6836.5	6720.7	6605.3	6489.5
70°	5056.1	5073.0	5089.4	5421.5	5753.1	6085.2	6417.2	6249.3	6080.9	5913.0	5744.6
72.5°	3867.6	3976.4	4084.8	4429.0	4773.3	5117.5	5461.8	5270.0	5077.7	4885.8	4693.5
75°	2829.2	2930.5	3031.8	3371.8	3711.9	4052.4	4392.4	4164.5	3936.5	3709.1	3481.1
77.5°	2111.1	2150.5	2189.4	2472.2	2754.6	3037.4	3319.8	3090.9	2862.0	2633.6	2404.7
80°	1683.8	1655.7	1628.0	1784.6	1941.3	2098.0	2254.6	2092.3	1929.6	1767.3	1605.0
82.5°	1382.2	1336.3	1290.8	1348.9	1407.1	1465.7	1523.9	1393.9	1264.0	1134.1	1004.2
85°	985.9	966.7	947.4	964.3	980.7	997.6	1014.5	887.9	761.2	635.1	508.4
87.5°	377.1	400.5	424.0	450.7	477.0	503.7	530.0	415.1	300.2	185.7	70.8
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: P367536
 CATALOG NUMBER: MSA-SA2D-727-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: P367536
CATALOG NUMBER: MSA-SA2D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1019.2	1019.2
2.5°	1342.4	1364.9
5°	1639.7	1639.2
7.5°	1733.1	1725.1
10°	1651.4	1630.8
12.5°	1768.2	1706.8
15°	1841.4	1780.0
17.5°	2140.2	2047.3
20°	2484.0	2373.3
22.5°	2929.5	2761.2
25°	3271.0	3069.3
27.5°	3488.6	3368.5
30°	3758.8	3621.4
32.5°	4093.2	3991.4
35°	4517.7	4424.3
37.5°	5261.1	5231.5
40°	5712.3	5676.6
42.5°	6269.0	6269.9
45°	6610.5	6631.6
47.5°	6811.7	6864.7
50°	6972.1	7085.6
52.5°	7201.4	7356.7
55°	7545.2	7751.1
57.5°	7831.3	8006.8
60°	7831.3	7921.9
62.5°	7549.5	7546.6
65°	7066.4	7022.3
67.5°	6434.1	6378.8
70°	5658.3	5571.6
72.5°	4586.1	4478.3
75°	3333.4	3185.2
77.5°	2334.3	2263.5
80°	1639.2	1673.5
82.5°	1053.0	1101.7
85°	500.9	493.4
87.5°	59.1	47.4
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: P367536
CATALOG NUMBER: MSA-SA2D-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)