

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: P366612

Luminaire Tested: **MSA-SA1A-727-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P366612
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-SA1A-727-U-SLR
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) 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: 2895 lumens
Efficiency: N/A
Efficacy: 85.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

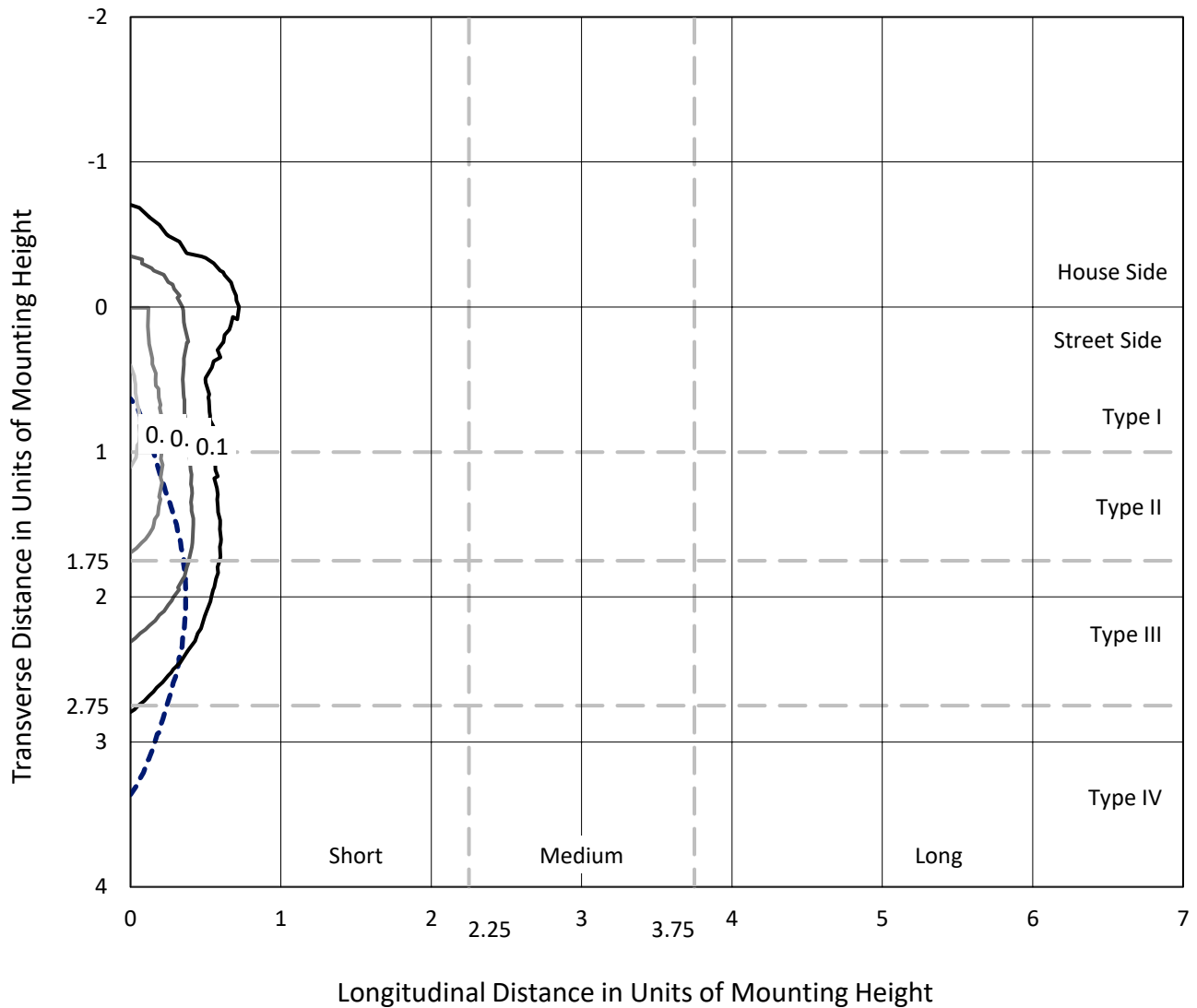
Input Watts (W): 34
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P366612
 CATALOG NUMBER: MSA-SA1A-727-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

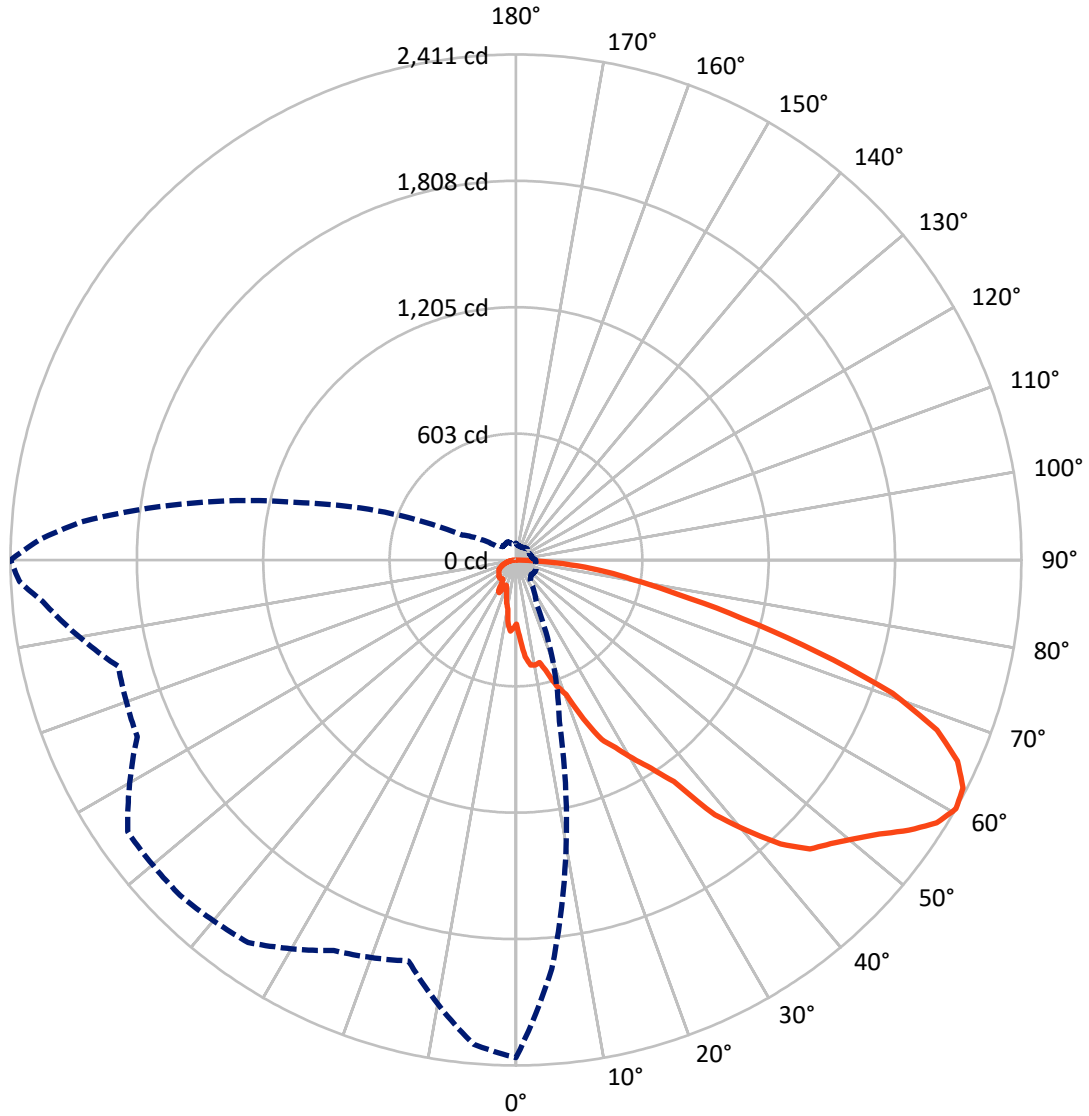
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 fc
 Type IV - Short - N/A

REPORT NUMBER: P366612
CATALOG NUMBER: MSA-SA1A-727-U-SLR

Luminous Intensity Polar Plot



— Vertical Plane Through 270-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P366612

CATALOG NUMBER: MSA-SA1A-727-U-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	560.7	0.0	560.7
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	2334.3	0.0	2334.3
	% Fixture	80.6	0.0	80.6
Total	Lumens	2895.0	0.0	2895.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.0	1.2
10°-20°	101.7	3.5
20°-30°	179.6	6.2
30°-40°	279.7	9.7
40°-50°	460.4	15.9
50°-60°	657.2	22.7
60°-70°	696.9	24.1
70°-80°	384.9	13.3
80°-90°	99.6	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°	2895.0	100.0
0°-180°	2895.0	100.0

Coefficient of Utilization



REPORT NUMBER: P366612

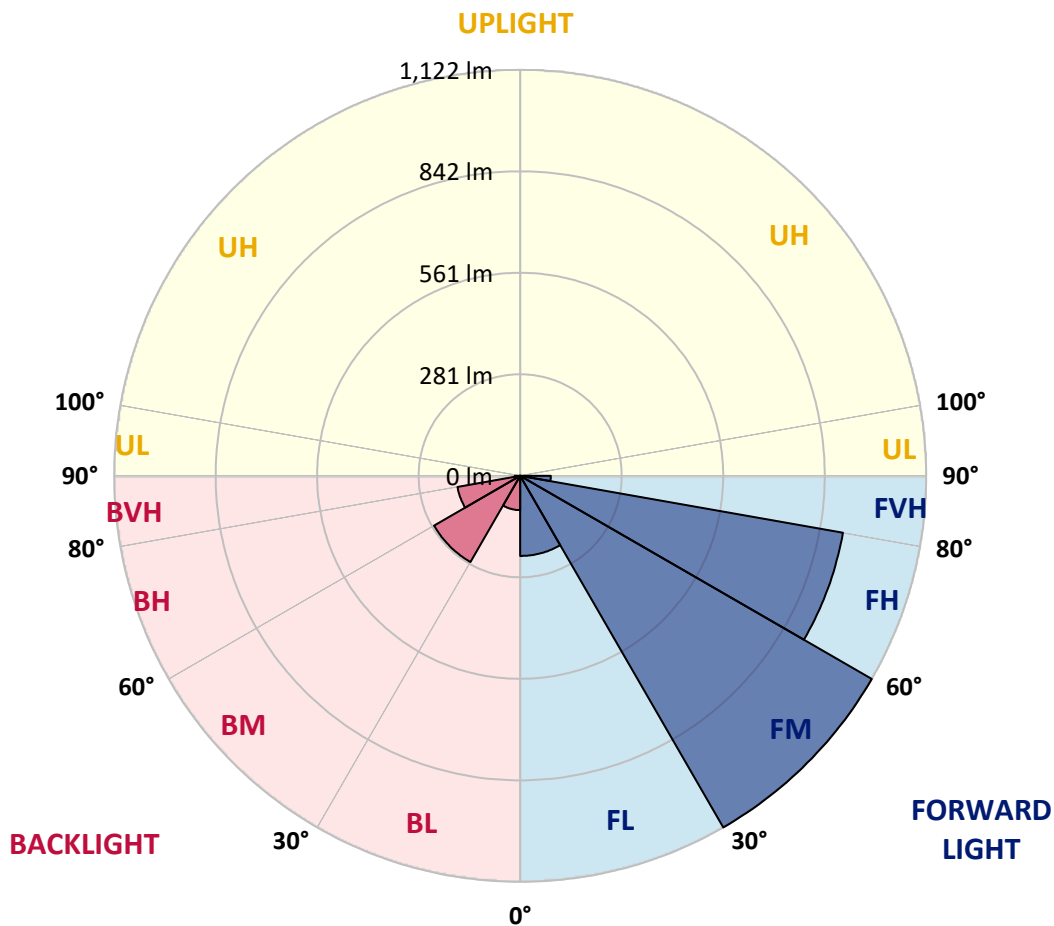
CATALOG NUMBER: MSA-SA1A-727-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	221.5	7.7			
FM (30°-60°)	1122.3	38.8			
FH (60°-80°)	905.9	31.3			G1/1800
FVH (80°-90°)	84.6	2.9			G1/100
BL (0°-30°)	94.8	3.3	B0/110		
BM (30°-60°)	275.0	9.5	B1/1000		
BH (60°-80°)	175.9	6.1	B1/500		G1/500
BVH (80°-90°)	14.9	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type IV Short





REPORT NUMBER: P366612

CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3
2.5°	408.9	411.4	413.8	409.0	404.3	399.4	394.6	387.4	380.1	372.9	365.6
5°	491.1	481.8	472.4	468.6	465.0	461.2	457.4	453.9	450.4	446.7	443.2
7.5°	516.8	503.6	490.3	484.6	479.0	473.3	467.6	455.0	442.4	429.6	416.9
10°	488.6	474.8	460.9	455.4	449.8	444.3	438.7	423.2	407.9	392.5	377.0
12.5°	511.3	497.3	483.1	465.7	448.3	430.7	413.3	404.7	396.1	387.4	378.8
15°	533.3	514.3	495.2	477.8	460.3	442.8	425.3	408.2	391.1	373.9	356.8
17.5°	613.4	581.7	550.1	518.7	487.0	455.6	423.9	404.1	384.2	364.4	344.4
20°	711.0	667.0	622.9	575.1	527.2	479.4	431.5	406.5	381.6	356.6	331.6
22.5°	827.2	771.7	716.2	655.9	595.7	535.2	475.0	438.7	402.4	366.1	329.8
25°	919.6	866.2	812.8	736.3	659.9	583.4	507.0	465.8	424.6	383.3	342.2
27.5°	1009.2	924.2	839.0	751.5	664.1	576.5	489.0	450.9	412.8	374.8	336.7
30°	1084.9	1017.5	950.0	835.8	721.6	607.2	492.9	446.1	399.4	352.6	305.8
32.5°	1195.8	1099.6	1003.2	884.0	764.8	645.7	526.5	466.7	406.8	346.9	287.1
35°	1325.5	1225.5	1125.4	978.0	830.7	683.3	535.9	472.6	409.0	345.7	282.2
37.5°	1567.3	1391.0	1214.5	1053.6	892.7	731.7	570.8	497.2	423.5	349.8	276.1
40°	1700.7	1537.7	1374.7	1174.2	973.7	773.0	572.5	497.2	421.7	346.4	270.9
42.5°	1878.5	1672.3	1466.0	1249.2	1032.5	815.7	598.9	515.4	432.0	348.3	264.9
45°	1986.8	1757.0	1527.2	1295.4	1063.7	832.0	600.3	515.6	430.8	346.1	261.4
47.5°	2056.6	1836.0	1615.3	1365.8	1116.4	866.9	617.4	527.5	437.4	347.5	257.4
50°	2122.8	1904.3	1685.7	1426.7	1167.9	908.9	649.9	551.7	453.5	355.1	256.9
52.5°	2204.0	2002.8	1801.4	1523.6	1245.7	967.9	689.9	583.0	476.1	369.1	262.2
55°	2322.2	2123.9	1925.5	1627.3	1329.0	1030.8	732.5	613.8	495.2	376.4	257.7
57.5°	2398.8	2197.7	1996.6	1692.5	1388.5	1084.2	780.2	648.6	517.1	385.4	253.9
60°	2373.4	2166.0	1958.4	1668.5	1378.6	1088.7	798.8	656.8	514.9	372.8	230.7
62.5°	2260.9	2040.5	1820.0	1560.3	1300.8	1041.1	781.4	637.0	492.7	348.2	203.8
65°	2103.8	1875.9	1647.9	1413.6	1179.4	945.1	710.9	579.8	448.5	317.4	186.2
67.5°	1911.1	1673.4	1435.7	1228.3	1020.9	813.3	605.9	496.3	386.8	277.2	167.6
70°	1669.2	1435.7	1202.1	1022.7	843.3	663.8	484.4	401.9	319.5	237.1	154.6
72.5°	1341.7	1140.2	938.7	797.4	656.2	515.0	373.8	316.4	259.3	201.9	144.6
75°	954.3	835.8	717.3	607.5	497.6	387.6	277.7	240.6	203.5	166.4	129.3
77.5°	678.1	608.3	538.5	452.3	366.2	280.1	193.9	172.1	150.5	128.7	106.9
80°	501.4	443.1	384.7	319.8	254.9	190.0	125.1	114.4	103.8	93.2	82.5
82.5°	330.1	303.8	277.4	226.0	174.5	123.1	71.7	67.7	63.8	59.9	55.9
85°	147.8	156.1	164.3	132.8	101.2	69.7	38.1	36.3	34.4	32.6	30.8
87.5°	14.2	20.9	27.7	23.7	19.7	15.7	11.7	11.5	11.5	11.4	11.2
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: P366612
 CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P366612
 CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3
2.5°	367.6	369.6	371.5	373.5	371.4	369.3	367.0	364.9	362.3	359.6	356.8
5°	437.3	431.3	425.3	419.3	410.3	401.3	392.2	383.2	382.1	380.8	379.7
7.5°	405.8	394.9	383.8	372.7	358.6	344.7	330.6	316.6	312.4	308.2	303.9
10°	369.6	362.0	354.5	346.9	338.2	329.5	320.7	312.0	300.4	288.8	277.2
12.5°	366.5	354.1	341.6	329.2	323.9	318.6	313.2	307.9	297.8	287.6	277.4
15°	346.8	336.7	326.7	316.6	308.9	301.1	293.4	285.7	277.5	269.2	261.1
17.5°	332.9	321.4	309.8	298.3	289.5	280.6	271.6	262.8	252.9	243.0	233.1
20°	318.4	305.3	292.1	278.9	267.7	256.6	245.3	234.1	223.3	212.6	201.8
22.5°	312.5	295.2	277.9	260.7	248.9	236.9	225.1	213.2	203.2	193.2	183.2
25°	321.5	301.0	280.3	259.7	243.8	227.8	211.9	195.9	187.6	179.3	170.9
27.5°	311.0	285.1	259.4	233.5	216.5	199.4	182.4	165.2	164.0	162.7	161.3
30°	278.6	251.5	224.4	197.3	181.7	166.0	150.4	134.6	131.7	128.6	125.6
32.5°	259.4	231.7	204.0	176.4	162.4	148.4	134.5	120.4	117.1	113.7	110.3
35°	252.1	222.0	191.9	161.9	149.9	138.0	126.0	114.1	111.7	109.5	107.1
37.5°	246.2	216.4	186.5	156.5	145.0	133.5	121.8	110.3	108.5	106.7	104.8
40°	240.6	210.4	180.0	149.7	139.4	129.3	119.0	108.8	107.6	106.5	105.2
42.5°	235.5	206.1	176.6	147.3	138.1	129.1	120.0	110.9	109.7	108.6	107.5
45°	232.7	204.0	175.4	146.7	140.1	133.5	126.7	120.1	117.5	114.8	112.0
47.5°	230.6	203.8	176.9	150.1	143.2	136.3	129.4	122.5	120.1	117.8	115.2
50°	231.0	205.3	179.4	153.6	145.3	136.9	128.6	120.1	119.9	119.6	119.3
52.5°	234.8	207.5	180.1	152.7	143.8	134.8	125.6	116.6	118.5	120.1	122.0
55°	229.3	200.9	172.4	144.0	135.5	127.0	118.5	109.9	112.3	114.5	116.9
57.5°	223.1	192.4	161.6	130.8	124.4	117.9	111.3	104.8	107.4	110.0	112.6
60°	202.6	174.5	146.4	118.3	114.0	109.6	105.2	100.9	102.0	103.1	104.3
62.5°	180.1	156.4	132.8	109.0	105.7	102.2	98.8	95.3	95.3	95.4	95.4
65°	165.8	145.4	125.1	104.7	100.9	97.1	93.2	89.4	88.8	88.2	87.7
67.5°	151.5	135.5	119.3	103.1	97.7	92.3	86.8	81.4	80.7	80.1	79.4
70°	140.2	125.9	111.6	97.2	91.1	85.0	78.8	72.6	72.1	71.7	71.1
72.5°	131.1	117.8	104.3	90.8	84.3	77.7	71.2	64.6	64.2	63.8	63.2
75°	117.3	105.5	93.6	81.6	75.3	69.1	62.8	56.5	55.9	55.5	54.9
77.5°	97.1	87.1	77.3	67.3	62.4	57.6	52.7	47.8	47.5	47.2	46.8
80°	74.8	67.0	59.2	51.4	48.2	44.8	41.6	38.2	38.1	37.9	37.7
82.5°	51.3	46.7	42.0	37.4	35.0	32.5	30.1	27.5	27.7	27.8	28.0
85°	29.2	27.5	26.0	24.3	22.3	20.5	18.5	16.6	17.0	17.4	17.7
87.5°	10.7	10.1	9.6	9.0	8.0	7.2	6.2	5.2	5.5	5.9	6.2
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: P366612
 CATALOG NUMBER: MSA-SA1A-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: P366612
 CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3
2.5°	354.1	349.9	345.7	341.5	337.2	328.5	320.0	311.2	302.5	307.9	313.4
5°	378.4	371.3	363.9	356.8	349.5	345.4	341.3	337.2	333.2	335.3	337.5
7.5°	299.7	295.5	291.2	286.9	282.6	280.8	279.1	277.2	275.4	280.6	285.8
10°	265.6	259.7	253.8	247.7	241.8	238.3	234.8	231.3	227.8	229.2	230.6
12.5°	267.3	258.6	249.8	241.1	232.4	227.2	222.0	216.8	211.6	212.9	214.2
15°	252.8	243.8	234.8	225.8	216.8	210.8	204.6	198.6	192.4	190.3	188.0
17.5°	223.1	213.3	203.5	193.6	183.8	179.7	175.6	171.6	167.5	165.2	163.0
20°	191.0	181.8	172.7	163.6	154.4	151.6	148.8	145.9	143.0	141.6	140.1
22.5°	173.3	167.6	161.9	156.3	150.5	147.3	144.2	140.9	137.7	136.2	134.5
25°	162.6	163.7	165.0	166.1	167.2	165.8	164.3	162.9	161.3	161.9	162.3
27.5°	160.1	162.4	165.0	167.4	169.7	171.0	172.3	173.5	174.8	175.2	175.6
30°	122.5	123.8	124.9	126.2	127.3	130.8	134.3	137.7	141.2	146.7	152.3
32.5°	106.9	106.5	106.1	105.5	105.1	106.0	106.8	107.5	108.3	110.3	112.4
35°	104.7	103.7	102.6	101.6	100.5	100.9	101.3	101.7	102.2	103.7	105.2
37.5°	103.0	102.6	102.3	101.9	101.5	102.4	103.3	104.3	105.1	106.4	107.6
40°	104.1	104.0	103.8	103.6	103.4	104.0	104.5	105.1	105.7	107.4	109.0
42.5°	106.4	106.4	106.2	106.2	106.1	106.7	107.1	107.6	108.1	109.0	110.0
45°	109.3	109.0	108.9	108.6	108.3	108.2	108.2	108.1	107.9	108.5	109.2
47.5°	112.8	111.9	110.7	109.7	108.6	108.3	107.9	107.6	107.2	107.5	107.8
50°	119.0	116.3	113.8	111.2	108.5	107.8	107.1	106.4	105.7	105.5	105.5
52.5°	123.7	119.7	115.8	111.9	107.9	106.7	105.4	104.1	102.9	102.6	102.4
55°	119.2	116.2	113.4	110.4	107.5	105.7	103.7	101.9	99.9	99.5	99.1
57.5°	115.1	113.3	111.4	109.6	107.8	106.0	104.0	102.2	100.2	99.2	98.2
60°	105.4	105.4	105.5	105.5	105.5	103.6	101.6	99.6	97.7	96.7	95.8
62.5°	95.4	97.0	98.4	99.9	101.3	98.6	95.8	93.2	90.4	89.7	89.1
65°	87.1	87.5	88.1	88.5	88.9	86.8	84.7	82.6	80.5	80.1	79.5
67.5°	78.7	78.5	78.4	78.1	78.0	76.7	75.3	74.1	72.6	72.1	71.5
70°	70.5	70.4	70.3	70.0	69.8	68.7	67.6	66.5	65.3	64.9	64.5
72.5°	62.8	62.7	62.4	62.2	62.0	61.0	60.1	59.2	58.2	57.6	57.1
75°	54.4	54.1	53.8	53.5	53.3	52.4	51.6	50.6	49.7	49.2	48.6
77.5°	46.5	46.1	45.7	45.1	44.7	44.0	43.1	42.4	41.6	40.9	40.3
80°	37.5	37.2	37.0	36.5	36.3	35.6	34.8	34.0	33.3	32.5	31.8
82.5°	28.1	28.0	27.7	27.5	27.3	26.6	25.9	25.2	24.5	23.6	22.8
85°	18.1	18.0	17.8	17.7	17.6	17.0	16.6	16.0	15.5	14.6	13.9
87.5°	6.5	6.2	6.0	5.8	5.5	5.3	5.1	4.9	4.6	4.2	3.8
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: P366612
 CATALOG NUMBER: MSA-SA1A-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: P366612
 CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3
2.5°	318.7	324.0	324.2	324.2	326.7	329.1	324.2	319.3	314.2	309.3	304.4
5°	339.6	341.7	341.2	340.5	337.4	334.3	331.1	327.8	324.6	321.4	321.5
7.5°	291.0	296.2	300.4	304.5	300.6	296.6	294.5	292.4	290.3	288.2	287.9
10°	231.9	233.3	234.9	236.5	234.1	231.6	235.8	240.0	244.1	248.3	243.7
12.5°	215.4	216.7	213.7	210.6	209.7	208.7	207.7	206.6	205.6	204.5	203.9
15°	185.9	183.7	181.4	179.0	178.5	177.8	177.1	176.2	175.5	174.7	172.1
17.5°	160.8	158.5	154.7	150.8	149.2	147.5	147.1	146.7	146.1	145.7	143.3
20°	138.7	137.1	136.2	135.0	133.5	131.9	130.4	128.9	127.2	125.6	123.4
22.5°	132.9	131.2	130.0	128.6	128.3	128.0	125.2	122.3	119.4	116.5	115.2
25°	162.9	163.3	155.6	147.7	147.0	146.3	141.2	136.0	131.0	125.8	121.4
27.5°	175.9	176.4	176.1	175.8	173.5	171.2	162.6	153.9	145.3	136.6	130.4
30°	157.8	163.3	165.4	167.5	166.0	164.3	155.3	146.4	137.4	128.4	124.4
32.5°	114.4	116.3	119.9	123.2	125.1	126.7	123.9	121.1	118.3	115.5	114.8
35°	106.7	108.2	108.9	109.6	108.5	107.4	105.2	103.1	100.9	98.8	98.4
37.5°	108.8	110.0	111.4	112.8	109.7	106.5	104.1	101.9	99.5	97.1	95.1
40°	110.7	112.4	113.3	114.1	111.0	107.9	105.0	102.2	99.2	96.3	94.3
42.5°	111.0	112.0	113.5	115.1	110.7	106.2	103.6	100.8	98.1	95.3	93.3
45°	109.7	110.3	111.7	113.1	108.1	102.9	100.5	97.9	95.6	93.0	91.3
47.5°	107.9	108.2	109.3	110.3	105.0	99.5	97.2	95.0	92.6	90.4	88.7
50°	105.4	105.2	106.1	106.8	101.3	95.8	93.6	91.5	89.2	87.0	85.6
52.5°	102.2	101.9	102.7	103.4	97.7	91.9	89.9	88.1	86.1	84.2	83.0
55°	98.5	98.1	98.8	99.5	93.9	88.1	86.4	84.6	82.9	81.1	80.1
57.5°	97.1	96.1	96.5	97.0	90.6	84.3	82.6	80.9	79.3	77.6	76.9
60°	94.9	93.9	94.3	94.6	87.8	80.9	79.4	77.7	76.2	74.5	73.8
62.5°	88.4	87.7	88.2	88.8	82.8	76.6	75.2	73.9	72.5	71.1	70.1
65°	79.1	78.5	79.7	80.8	75.6	70.4	69.6	68.7	67.7	66.9	65.9
67.5°	71.0	70.4	71.5	72.6	68.9	65.1	64.2	63.4	62.5	61.7	61.1
70°	64.1	63.7	64.6	65.6	62.4	59.2	58.3	57.6	56.8	55.9	55.5
72.5°	56.3	55.8	57.1	58.2	55.5	52.7	52.0	51.1	50.4	49.6	49.3
75°	48.1	47.5	48.6	49.6	47.8	45.8	45.1	44.4	43.7	43.0	42.9
77.5°	39.6	38.9	40.0	41.0	39.9	38.6	38.1	37.4	36.8	36.1	36.1
80°	30.9	30.1	30.9	31.6	31.2	30.8	30.4	29.8	29.4	28.8	28.9
82.5°	21.9	21.1	21.5	21.9	22.2	22.5	22.5	22.5	22.5	22.5	22.5
85°	13.1	12.2	12.4	12.5	12.9	13.3	13.5	13.6	13.8	13.9	14.1
87.5°	3.4	3.0	2.7	2.2	2.7	3.0	3.2	3.4	3.7	3.8	3.8
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: P366612
 CATALOG NUMBER: MSA-SA1A-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: P366612
 CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3
2.5°	299.4	294.4	289.5	292.6	295.5	298.6	301.6	301.7	301.7	301.8	301.8
5°	321.8	321.9	322.1	319.1	316.3	313.4	310.4	308.9	307.3	305.6	304.1
7.5°	287.5	287.2	286.8	284.0	281.2	278.4	275.6	268.8	261.9	255.2	248.3
10°	238.9	234.2	229.5	228.3	227.4	226.2	225.1	223.3	221.6	219.8	217.9
12.5°	203.3	202.8	202.2	199.3	196.3	193.2	190.3	190.3	190.3	190.3	190.3
15°	169.5	166.9	164.3	162.9	161.3	159.9	158.4	157.7	157.0	156.3	155.6
17.5°	140.8	138.4	135.9	135.6	135.3	135.0	134.8	134.1	133.4	132.6	131.9
20°	121.1	118.9	116.6	117.5	118.3	119.0	119.9	119.2	118.5	117.6	116.9
22.5°	113.8	112.6	111.2	110.4	109.7	108.9	108.2	108.2	108.3	108.3	108.3
25°	117.2	112.8	108.5	106.4	104.3	102.0	99.9	99.1	98.4	97.5	96.7
27.5°	124.2	117.9	111.7	108.1	104.4	100.8	97.1	95.6	93.9	92.3	90.6
30°	120.1	116.1	111.9	107.6	103.4	99.2	95.0	93.0	91.1	88.9	87.0
32.5°	114.1	113.3	112.6	108.6	104.7	100.6	96.7	95.8	95.1	94.3	93.4
35°	97.8	97.4	96.8	95.8	94.9	93.9	92.9	91.8	90.6	89.5	88.4
37.5°	93.3	91.3	89.4	88.9	88.5	88.1	87.7	87.3	86.8	86.3	85.9
40°	92.3	90.4	88.4	87.7	87.0	86.1	85.4	85.6	85.9	86.0	86.1
42.5°	91.2	89.2	87.1	86.6	86.0	85.4	84.9	85.0	85.3	85.4	85.6
45°	89.8	88.1	86.4	85.4	84.6	83.6	82.6	83.5	84.3	85.0	85.9
47.5°	87.0	85.2	83.5	82.9	82.3	81.6	81.1	81.9	82.8	83.5	84.3
50°	84.0	82.6	81.1	80.9	80.8	80.5	80.4	80.9	81.5	82.1	82.6
52.5°	81.8	80.7	79.4	79.4	79.3	79.3	79.1	79.7	80.2	80.7	81.2
55°	79.3	78.3	77.3	77.4	77.7	77.8	78.0	78.5	79.3	79.8	80.4
57.5°	76.0	75.3	74.5	75.0	75.5	76.0	76.4	76.9	77.4	77.8	78.3
60°	72.9	72.2	71.4	71.9	72.6	73.2	73.8	74.2	74.6	75.0	75.5
62.5°	69.1	68.0	67.0	67.9	68.6	69.4	70.1	70.4	70.8	71.1	71.4
65°	65.1	64.1	63.1	63.7	64.2	64.6	65.2	65.6	66.0	66.5	66.9
67.5°	60.4	59.9	59.2	59.6	60.0	60.4	60.8	61.0	61.0	61.1	61.1
70°	54.9	54.5	54.0	54.2	54.7	54.9	55.2	55.2	55.2	55.1	55.1
72.5°	49.2	48.9	48.6	48.8	49.0	49.2	49.3	49.2	49.0	48.9	48.8
75°	42.7	42.6	42.4	42.6	42.9	43.0	43.1	43.0	42.7	42.6	42.3
77.5°	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.1	35.8	35.6	35.3
80°	29.1	29.2	29.4	29.4	29.4	29.4	29.4	29.1	28.8	28.4	28.1
82.5°	22.5	22.5	22.5	22.5	22.6	22.6	22.6	21.9	21.4	20.7	20.0
85°	14.1	14.2	14.2	14.3	14.5	14.5	14.6	13.6	12.8	11.8	10.8
87.5°	3.8	3.8	3.8	3.8	3.8	3.7	3.7	2.8	1.8	1.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366612
 CATALOG NUMBER: MSA-SA1A-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: P366612
 CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3
2.5°	302.7	303.5	304.2	305.1	305.2	305.3	305.3	305.5	302.5	299.6	296.5
5°	306.2	308.2	310.3	312.2	311.8	311.4	311.0	310.5	309.7	309.0	308.2
7.5°	246.8	245.3	243.8	242.3	243.5	244.8	246.0	247.3	247.9	248.4	248.9
10°	214.4	210.9	207.4	203.9	201.9	199.8	197.9	195.7	195.5	195.3	195.0
12.5°	186.6	182.8	179.2	175.4	174.2	173.0	171.9	170.6	171.7	172.8	173.8
15°	154.0	152.6	151.1	149.5	150.8	152.0	153.3	154.6	155.7	156.7	157.8
17.5°	131.2	130.7	130.0	129.3	130.4	131.7	132.8	133.9	136.4	139.0	141.5
20°	116.3	115.9	115.4	114.8	114.4	113.8	113.4	112.8	116.5	120.0	123.7
22.5°	107.5	106.7	105.8	105.0	105.1	105.2	105.2	105.4	108.3	111.4	114.4
25°	96.4	96.1	95.8	95.6	96.4	97.2	97.9	98.8	101.5	104.1	106.7
27.5°	90.8	90.9	91.1	91.2	92.3	93.6	94.7	95.8	97.7	99.5	101.3
30°	87.7	88.5	89.2	89.9	90.4	90.8	91.2	91.6	93.4	95.1	97.0
32.5°	92.3	91.2	89.9	88.8	89.4	90.1	90.6	91.2	92.9	94.6	96.3
35°	88.0	87.4	87.0	86.4	87.1	87.8	88.4	89.1	90.6	92.0	93.6
37.5°	85.7	85.6	85.4	85.3	85.7	86.1	86.4	86.8	88.2	89.7	90.9
40°	85.6	84.9	84.3	83.6	84.0	84.5	84.7	85.2	86.8	88.5	90.2
42.5°	84.7	83.9	82.9	82.1	82.5	83.0	83.5	83.9	85.7	87.4	89.2
45°	84.6	83.3	81.9	80.7	81.2	81.8	82.3	82.9	84.3	85.7	87.0
47.5°	83.0	81.8	80.5	79.3	79.5	79.8	80.0	80.2	81.5	82.6	83.9
50°	81.8	80.8	80.0	79.0	78.5	78.3	77.8	77.4	78.4	79.4	80.4
52.5°	80.2	79.3	78.1	77.1	76.6	76.0	75.5	74.9	75.7	76.4	77.3
55°	79.3	78.0	76.9	75.6	74.9	74.2	73.5	72.8	73.4	73.8	74.3
57.5°	77.1	76.0	74.8	73.6	72.8	71.9	71.0	70.1	70.4	70.7	71.0
60°	74.3	73.1	71.9	70.7	69.7	68.7	67.6	66.6	66.7	67.0	67.2
62.5°	70.3	69.1	67.9	66.7	65.6	64.6	63.5	62.4	62.7	62.8	63.1
65°	65.8	64.5	63.4	62.1	61.1	60.1	59.0	58.0	58.3	58.6	58.7
67.5°	60.3	59.3	58.5	57.5	56.6	55.6	54.8	53.8	54.0	54.1	54.2
70°	54.4	53.5	52.8	52.0	51.3	50.6	49.9	49.2	49.2	49.3	49.3
72.5°	48.1	47.4	46.7	45.9	45.2	44.7	44.0	43.3	43.6	43.8	44.0
75°	41.6	41.0	40.3	39.6	39.1	38.5	37.8	37.2	37.5	37.8	37.9
77.5°	34.8	34.4	33.9	33.4	32.9	32.3	31.6	31.1	31.3	31.6	31.8
80°	27.8	27.5	27.1	26.8	26.3	25.7	25.2	24.6	24.7	24.7	24.9
82.5°	20.1	20.2	20.2	20.4	20.0	19.4	19.0	18.4	18.4	18.4	18.3
85°	11.2	11.8	12.2	12.6	12.2	11.8	11.4	11.0	10.8	10.8	10.7
87.5°	0.4	0.7	1.1	1.4	1.3	1.1	0.8	0.7	0.8	1.0	1.0
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: P366612
 CATALOG NUMBER: MSA-SA1A-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: P366612
 CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3
2.5°	293.5	295.9	298.3	300.7	303.1	306.8	310.4	314.2	318.0	315.9	313.6
5°	307.3	308.7	310.3	311.7	313.1	317.2	321.1	326.0	330.8	330.2	329.5
7.5°	249.4	251.4	253.4	255.2	257.1	263.3	269.5	274.7	279.9	279.2	278.4
10°	194.8	198.8	203.0	207.1	211.2	216.3	221.2	225.5	229.9	237.2	244.4
12.5°	174.9	181.3	187.6	193.9	200.2	203.9	207.4	213.0	218.6	222.6	226.7
15°	158.8	164.7	170.6	176.5	182.4	182.7	183.0	188.9	194.8	198.1	201.4
17.5°	144.0	147.3	150.5	153.6	156.8	155.7	154.6	157.4	160.1	161.5	163.0
20°	127.2	129.4	131.7	133.9	136.2	137.7	139.1	140.8	142.3	140.9	139.4
22.5°	117.3	120.7	124.2	127.6	131.0	131.9	132.8	131.8	130.8	130.4	130.0
25°	109.3	113.4	117.6	121.7	125.8	127.7	129.7	130.5	131.2	129.7	128.2
27.5°	103.1	108.1	112.8	117.8	122.5	126.0	129.6	130.5	131.4	130.3	129.0
30°	98.6	104.0	109.3	114.7	120.0	125.3	130.5	135.2	139.7	139.3	138.8
32.5°	97.9	101.6	105.2	108.9	112.6	115.9	119.2	119.4	119.6	118.5	117.2
35°	95.0	97.4	99.8	102.2	104.5	106.7	108.6	108.3	108.1	106.9	105.8
37.5°	92.3	94.7	97.2	99.6	102.0	105.7	109.2	108.5	107.6	106.5	105.4
40°	91.9	94.6	97.2	99.8	102.4	105.8	109.2	108.5	107.8	106.4	105.0
42.5°	90.9	93.6	96.1	98.8	101.3	105.4	109.3	108.1	106.7	105.5	104.4
45°	88.4	90.8	93.2	95.6	97.9	102.3	106.7	105.1	103.6	103.1	102.6
47.5°	85.0	87.4	89.8	92.2	94.6	98.9	103.1	101.9	100.5	100.3	100.0
50°	81.4	83.6	86.0	88.2	90.5	94.9	99.1	97.9	96.8	97.0	97.0
52.5°	78.0	80.1	82.1	84.2	86.1	90.5	94.7	93.9	92.9	93.2	93.3
55°	74.8	76.4	78.1	79.8	81.5	85.7	89.9	88.7	87.4	87.8	88.2
57.5°	71.2	72.6	74.1	75.3	76.7	80.9	85.0	83.6	82.1	82.8	83.3
60°	67.3	68.6	69.8	71.0	72.2	76.0	79.7	78.4	77.0	78.0	78.8
62.5°	63.2	64.2	65.2	66.2	67.2	70.7	74.2	73.2	72.2	73.4	74.3
65°	59.0	59.7	60.6	61.3	62.0	65.3	68.6	67.9	67.2	68.2	69.1
67.5°	54.4	54.9	55.6	56.2	56.8	59.9	63.0	62.2	61.4	62.2	63.0
70°	49.3	49.9	50.3	50.9	51.3	54.1	56.9	55.9	54.8	55.6	56.3
72.5°	44.3	44.5	45.0	45.2	45.5	47.6	49.7	48.9	48.1	48.9	49.6
75°	38.2	38.5	38.8	39.1	39.3	41.2	42.9	41.9	40.8	41.6	42.4
77.5°	32.0	32.2	32.5	32.6	32.7	34.0	35.1	34.1	33.0	34.0	35.0
80°	24.9	25.0	25.2	25.2	25.3	25.7	26.1	25.4	24.6	25.9	27.1
82.5°	18.3	18.1	18.1	18.0	17.8	17.8	17.7	17.3	16.7	17.8	19.0
85°	10.5	10.4	10.1	10.0	9.7	9.3	8.9	8.7	8.6	9.6	10.5
87.5°	1.1	1.0	0.7	0.6	0.3	0.1	0.0	0.0	0.0	0.6	1.3
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: P366612
 CATALOG NUMBER: MSA-SA1A-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: P366612
 CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3
2.5°	311.5	309.3	307.2	305.1	303.0	300.9	304.8	308.7	312.7	316.6	320.1
5°	329.0	328.3	326.4	324.7	322.9	321.1	322.1	323.2	324.2	325.2	327.3
7.5°	277.7	276.8	280.8	284.6	288.5	292.3	293.3	294.1	295.1	295.9	295.4
10°	251.7	258.8	260.7	262.3	264.2	265.9	268.7	271.5	274.2	277.0	278.5
12.5°	230.6	234.5	241.0	247.6	254.1	260.5	264.7	269.0	273.2	277.4	286.1
15°	204.7	208.0	212.9	217.8	222.7	227.6	233.7	239.9	245.9	251.9	261.5
17.5°	164.4	165.8	169.5	173.1	176.6	180.3	188.4	196.4	204.6	212.6	223.6
20°	138.0	136.4	136.4	136.6	136.6	136.6	144.7	152.7	160.9	168.9	183.4
22.5°	129.4	129.0	127.5	125.8	124.2	122.5	126.7	131.1	135.3	139.5	151.3
25°	126.5	124.9	123.0	121.0	119.0	117.1	119.7	122.4	125.1	127.7	137.0
27.5°	127.9	126.6	127.6	128.4	129.4	130.3	131.1	131.9	132.8	133.6	136.9
30°	138.4	138.0	139.5	140.9	142.5	143.9	141.9	140.1	138.1	136.2	137.3
32.5°	116.1	114.8	114.2	113.7	113.1	112.6	112.4	112.3	112.0	111.9	114.4
35°	104.7	103.6	102.7	101.9	100.9	100.0	100.5	100.8	101.2	101.5	104.3
37.5°	104.3	103.1	102.2	101.2	100.0	99.1	99.5	100.0	100.5	100.9	103.0
40°	103.6	102.2	101.6	101.0	100.5	99.9	100.2	100.5	100.6	100.9	102.4
42.5°	103.1	102.0	101.7	101.5	101.2	100.9	101.2	101.5	101.6	101.9	103.7
45°	102.2	101.6	101.9	102.2	102.4	102.7	102.7	102.7	102.7	102.7	104.7
47.5°	99.9	99.6	100.5	101.3	102.2	103.0	104.4	105.8	107.1	108.5	108.9
50°	97.1	97.1	98.5	99.9	101.2	102.6	106.0	109.2	112.6	115.8	113.7
52.5°	93.6	93.7	95.8	97.8	99.9	101.9	105.0	108.1	111.0	114.1	111.0
55°	88.5	88.9	91.6	94.1	96.8	99.3	101.7	104.1	106.5	108.9	105.7
57.5°	84.0	84.6	87.4	90.1	92.9	95.6	97.0	98.5	99.9	101.3	99.2
60°	79.8	80.7	84.3	88.0	91.5	95.1	94.0	92.9	91.6	90.5	90.4
62.5°	75.5	76.4	79.8	83.2	86.4	89.8	88.1	86.4	84.6	82.9	83.6
65°	70.0	71.0	72.5	74.1	75.5	77.0	76.9	76.9	76.7	76.6	78.0
67.5°	63.8	64.5	65.5	66.3	67.3	68.2	68.7	69.4	70.0	70.5	72.2
70°	57.2	57.9	58.9	59.7	60.7	61.5	62.2	63.0	63.5	64.2	65.9
72.5°	50.4	51.1	52.1	53.1	54.0	54.9	55.5	56.1	56.5	57.1	58.5
75°	43.3	44.1	45.1	45.9	46.9	47.8	48.2	48.6	49.0	49.5	50.7
77.5°	36.0	37.0	37.9	38.9	39.9	40.9	41.0	41.2	41.3	41.5	42.6
80°	28.2	29.5	30.5	31.5	32.5	33.4	33.4	33.4	33.4	33.4	34.0
82.5°	20.1	21.2	22.3	23.3	24.5	25.4	25.4	25.3	25.3	25.2	25.2
85°	11.5	12.5	13.2	14.1	14.8	15.5	15.5	15.5	15.3	15.3	15.0
87.5°	1.8	2.4	2.7	3.1	3.4	3.7	3.5	3.5	3.4	3.2	2.8
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: P366612
 CATALOG NUMBER: MSA-SA1A-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: P366612
 CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3
2.5°	323.6	327.1	330.6	330.1	329.5	329.0	328.4	330.5	332.5	334.6	336.5
5°	329.2	331.3	333.3	334.9	336.4	337.9	339.5	346.7	353.7	360.9	367.9
7.5°	294.8	294.1	293.5	300.1	306.9	313.5	320.1	329.2	338.4	347.5	356.6
10°	280.1	281.6	283.1	285.8	288.6	291.3	294.0	303.0	312.0	320.9	329.9
12.5°	294.7	303.4	312.0	314.1	316.3	318.4	320.5	322.3	324.2	325.9	327.7
15°	271.1	280.6	290.2	295.7	301.1	306.5	312.0	325.7	339.4	353.1	366.8
17.5°	234.4	245.3	256.2	269.7	283.1	296.6	310.1	322.8	335.4	347.9	360.6
20°	197.9	212.2	226.7	241.4	256.0	270.8	285.4	297.8	310.1	322.3	334.7
22.5°	163.0	174.8	186.5	204.5	222.3	240.3	258.1	281.2	304.1	327.1	350.0
25°	146.1	155.4	164.5	183.1	201.6	220.1	238.6	268.5	298.3	328.3	358.0
27.5°	140.2	143.5	146.7	163.6	180.3	197.1	213.9	246.2	278.5	310.7	343.0
30°	138.4	139.5	140.7	153.9	167.1	180.3	193.5	225.4	257.4	289.3	321.2
32.5°	116.8	119.3	121.7	134.6	147.4	160.3	173.1	205.3	237.3	269.5	301.6
35°	107.1	109.9	112.7	125.3	138.0	150.5	163.1	197.0	231.0	264.9	298.7
37.5°	105.1	107.2	109.3	123.7	138.0	152.3	166.7	200.9	235.2	269.5	303.8
40°	104.1	105.7	107.2	121.1	135.2	149.1	163.0	199.0	234.8	270.8	306.6
42.5°	105.4	107.2	108.9	121.5	134.1	146.7	159.2	196.4	233.5	270.8	307.9
45°	106.5	108.5	110.3	122.1	133.9	145.7	157.5	197.3	236.9	276.7	316.3
47.5°	109.2	109.6	109.9	120.1	130.3	140.5	150.6	191.1	231.6	271.9	312.4
50°	111.4	109.3	107.1	117.8	128.3	139.0	149.5	187.9	226.2	264.5	302.8
52.5°	107.9	104.7	101.6	113.1	124.6	136.0	147.5	185.9	224.4	262.8	301.1
55°	102.6	99.3	96.1	107.8	119.4	131.1	142.8	181.0	219.3	257.6	295.8
57.5°	97.2	95.1	93.0	102.6	112.3	121.8	131.4	172.8	214.2	255.6	296.9
60°	90.2	89.9	89.8	97.2	104.8	112.3	119.7	160.3	200.8	241.4	281.9
62.5°	84.2	84.9	85.4	91.5	97.5	103.4	109.5	148.7	188.0	227.2	266.4
65°	79.5	80.9	82.3	89.2	96.1	102.9	109.7	142.6	175.5	208.4	241.3
67.5°	73.9	75.6	77.3	86.3	95.3	104.3	113.3	140.4	167.5	194.6	221.7
70°	67.4	69.1	70.7	82.2	93.6	105.1	116.5	140.5	164.7	188.7	212.7
72.5°	59.9	61.3	62.7	75.0	87.4	99.8	112.1	132.5	152.9	173.1	193.5
75°	52.1	53.4	54.7	65.3	76.0	86.7	97.4	113.1	128.7	144.5	160.1
77.5°	43.6	44.7	45.7	52.8	60.0	67.2	74.3	86.4	98.4	110.4	122.4
80°	34.6	35.1	35.7	39.9	44.0	48.2	52.3	60.3	68.3	76.2	84.2
82.5°	25.3	25.3	25.3	28.0	30.8	33.4	36.1	40.2	44.1	48.2	52.1
85°	14.8	14.3	14.1	15.9	17.7	19.5	21.4	23.0	24.7	26.4	28.1
87.5°	2.4	1.8	1.4	2.5	3.7	4.8	5.9	6.5	7.2	7.7	8.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366612
 CATALOG NUMBER: MSA-SA1A-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: P366612

CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3
2.5°	331.8	327.1	322.3	317.6	324.6	331.6	338.6	345.7	364.4	375.5	376.2
5°	373.8	379.7	385.6	391.5	397.4	403.3	409.0	415.0	445.3	464.0	467.5
7.5°	366.3	376.2	385.9	395.6	412.3	429.0	445.7	462.4	488.2	506.7	518.9
10°	342.0	354.1	366.2	378.3	398.1	418.0	437.9	457.7	484.9	509.4	521.0
12.5°	346.9	366.2	385.3	404.6	421.7	439.0	456.1	473.3	492.1	501.4	522.6
15°	380.1	393.5	406.8	420.2	446.0	471.7	497.6	523.3	534.0	555.2	574.3
17.5°	385.2	409.6	434.2	458.7	490.3	521.9	553.5	585.1	604.9	632.3	655.4
20°	369.4	404.0	438.7	473.3	514.0	554.9	595.7	636.4	661.6	684.6	720.3
22.5°	388.3	426.5	464.6	502.8	556.9	610.8	664.9	718.9	771.4	822.9	847.0
25°	409.0	460.2	511.2	562.2	629.8	697.3	764.8	832.3	899.9	948.1	975.9
27.5°	394.4	445.7	497.2	548.4	632.1	715.8	799.4	883.0	955.4	1013.4	1037.3
30°	384.2	447.1	510.1	573.0	671.1	769.2	867.3	965.4	1032.3	1097.0	1132.2
32.5°	382.4	463.1	543.8	624.6	738.8	852.9	967.2	1081.3	1125.7	1183.2	1230.5
35°	387.4	476.2	564.9	653.6	784.5	915.5	1046.3	1177.3	1240.4	1297.3	1338.7
37.5°	402.9	501.9	600.9	699.9	857.7	1015.7	1173.5	1331.3	1437.1	1541.2	1559.8
40°	411.6	516.7	621.7	726.6	910.1	1093.7	1277.2	1460.7	1582.4	1696.6	1704.4
42.5°	421.8	535.8	649.6	763.6	967.0	1170.7	1374.1	1577.6	1728.2	1851.1	1854.7
45°	433.6	550.8	668.2	785.4	997.8	1210.1	1422.6	1634.9	1817.0	1966.3	1929.9
47.5°	438.3	564.3	690.2	816.1	1042.6	1269.0	1495.5	1721.9	1885.3	2021.1	1986.2
50°	440.1	577.5	714.8	852.1	1086.8	1321.6	1556.2	1790.9	1957.1	2089.5	2036.1
52.5°	451.5	601.8	752.2	902.6	1147.1	1391.6	1636.1	1880.6	2044.1	2171.3	2105.0
55°	466.8	637.8	808.7	979.7	1232.8	1485.7	1738.8	1991.7	2155.8	2274.2	2192.0
57.5°	481.0	665.2	849.3	1033.4	1295.6	1557.9	1820.1	2082.3	2248.6	2365.6	2286.0
60°	474.1	666.3	858.6	1050.8	1308.5	1566.1	1823.8	2081.4	2270.1	2410.5	2369.7
62.5°	453.3	640.2	827.0	1013.8	1258.5	1503.0	1747.6	1992.1	2213.0	2393.0	2391.2
65°	413.3	585.3	757.1	929.1	1155.5	1382.0	1608.4	1834.8	2095.1	2313.8	2328.0
67.5°	364.5	507.3	650.0	792.8	1006.0	1219.1	1432.3	1645.5	1923.8	2165.1	2177.3
70°	317.3	422.0	526.5	631.1	818.2	1005.4	1192.4	1379.6	1660.8	1904.9	1916.1
72.5°	261.9	330.4	398.7	467.1	618.7	770.3	921.8	1073.4	1320.3	1508.0	1571.4
75°	200.7	241.3	281.9	322.5	445.2	567.8	690.4	813.0	977.2	1115.7	1187.1
77.5°	143.5	164.5	185.6	206.7	311.0	415.2	519.4	623.6	709.9	788.5	836.6
80°	94.1	104.0	114.0	123.8	210.5	297.2	383.8	470.5	523.0	565.2	589.5
82.5°	57.1	62.0	66.7	71.7	141.9	212.2	282.3	352.6	382.6	402.7	424.4
85°	30.8	33.4	36.1	38.8	83.9	128.9	174.0	218.9	221.9	224.3	256.4
87.5°	9.0	9.8	10.5	11.2	18.5	26.0	33.3	40.6	25.3	15.7	32.3
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: P366612
 CATALOG NUMBER: MSA-SA1A-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: P366612

CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3
2.5°	372.1	370.3	368.4	366.5	364.6	356.9	349.3	341.6	333.9	341.3	348.6
5°	463.4	469.1	474.5	480.2	485.8	486.2	486.5	486.9	487.2	488.6	490.0
7.5°	529.2	539.2	549.0	559.0	569.0	576.7	584.4	592.3	600.0	593.0	586.0
10°	534.8	555.9	577.0	598.0	619.1	622.9	626.6	630.4	634.2	639.2	644.1
12.5°	540.4	566.1	591.7	617.4	643.2	654.4	665.5	676.7	687.8	693.3	698.7
15°	599.9	615.1	630.1	645.3	660.3	668.0	675.6	683.3	691.1	695.7	700.2
17.5°	676.3	681.9	687.4	693.0	698.7	703.9	709.1	714.3	719.5	720.3	721.1
20°	746.0	747.1	748.1	749.2	750.2	739.3	728.4	717.5	706.5	708.5	710.3
22.5°	850.6	844.4	838.3	832.2	826.1	805.5	784.9	764.3	743.8	734.9	726.2
25°	1007.9	992.2	976.5	960.7	945.0	912.1	879.4	846.5	813.7	794.5	775.4
27.5°	1058.7	1024.4	990.2	955.9	921.7	896.8	872.1	847.2	822.5	792.0	761.5
30°	1161.2	1107.1	1053.2	999.1	945.0	921.0	896.9	872.8	848.7	817.5	786.5
32.5°	1252.2	1196.0	1139.7	1083.4	1027.2	981.7	936.1	890.6	845.1	824.0	802.9
35°	1357.4	1286.7	1216.0	1145.4	1074.7	1035.6	996.7	957.6	918.7	886.8	855.1
37.5°	1510.7	1435.5	1360.4	1285.0	1209.9	1157.0	1104.3	1051.5	998.8	981.2	963.8
40°	1656.9	1568.0	1479.4	1390.6	1301.9	1261.4	1221.0	1180.4	1139.9	1110.2	1080.6
42.5°	1779.2	1691.4	1603.7	1515.9	1428.2	1398.7	1369.4	1339.8	1310.5	1286.0	1261.6
45°	1821.3	1749.6	1678.1	1606.4	1534.7	1524.3	1514.1	1503.7	1493.4	1475.3	1457.2
47.5°	1888.9	1815.8	1742.9	1669.8	1596.7	1600.5	1604.3	1608.2	1612.0	1613.0	1613.9
50°	1928.6	1859.2	1789.9	1720.5	1651.2	1669.6	1687.9	1706.3	1724.7	1766.5	1808.1
52.5°	1986.7	1918.5	1850.5	1782.3	1714.2	1745.4	1776.4	1807.6	1838.7	1897.1	1955.6
55°	2059.4	1994.2	1929.2	1864.0	1798.9	1829.3	1859.5	1889.8	1920.0	1985.1	2050.2
57.5°	2156.0	2086.1	2016.4	1946.6	1876.9	1904.9	1932.7	1960.7	1988.5	2050.3	2112.1
60°	2265.9	2190.0	2114.1	2038.1	1962.2	1969.9	1977.5	1985.2	1992.8	2059.9	2126.7
62.5°	2319.8	2249.6	2179.4	2109.2	2038.9	2017.4	1995.9	1974.3	1952.8	2012.8	2072.7
65°	2273.0	2224.7	2176.5	2128.2	2079.8	2041.9	2004.1	1966.1	1928.2	1965.7	2003.1
67.5°	2124.1	2096.7	2069.4	2042.0	2014.6	1951.0	1887.3	1823.5	1759.9	1762.4	1764.8
70°	1882.7	1875.4	1868.2	1860.9	1853.6	1757.9	1662.3	1566.6	1470.9	1456.3	1441.7
72.5°	1576.8	1581.5	1586.2	1591.0	1595.7	1492.9	1390.0	1287.2	1184.3	1160.0	1135.7
75°	1221.2	1247.7	1274.1	1300.6	1327.1	1228.7	1130.3	1031.8	933.5	903.5	873.6
77.5°	862.9	912.2	961.4	1010.8	1060.1	971.1	882.3	793.4	704.4	685.0	665.6
80°	601.7	625.9	650.0	674.2	698.4	653.7	609.0	564.3	519.6	525.0	530.2
82.5°	438.3	443.9	449.4	455.0	460.6	442.4	424.1	405.7	387.4	401.3	415.2
85°	280.8	300.9	320.8	340.9	360.9	340.6	320.4	300.0	279.8	289.0	298.3
87.5°	62.8	99.3	135.9	172.6	209.1	189.4	169.9	150.2	130.5	121.7	113.0
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: P366612
 CATALOG NUMBER: MSA-SA1A-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: P366612

CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3
2.5°	356.1	363.5	361.3	359.2	356.9	354.7	358.7	362.8	367.0	371.1	369.7
5°	491.5	492.9	479.6	466.4	453.0	439.7	448.0	456.3	464.6	472.8	469.9
7.5°	578.9	571.9	564.2	556.5	548.6	540.9	539.2	537.5	535.7	534.0	531.7
10°	649.2	654.1	649.1	644.1	639.1	634.0	622.2	610.4	598.5	586.7	581.7
12.5°	704.1	709.6	710.9	712.0	713.3	714.5	701.3	688.3	675.1	661.8	649.9
15°	704.8	709.5	713.6	717.5	721.6	725.5	717.3	709.3	701.2	693.0	689.2
17.5°	722.1	723.0	719.6	716.4	713.0	709.8	706.5	703.4	700.2	697.1	691.1
20°	712.3	714.3	713.8	713.4	712.9	712.4	712.7	712.9	713.1	713.3	709.9
22.5°	717.3	708.5	710.3	712.0	713.8	715.5	720.6	725.6	730.8	735.9	749.4
25°	756.1	736.9	733.9	731.1	728.2	725.4	738.6	751.6	764.8	778.1	800.0
27.5°	730.8	700.3	693.6	686.9	680.1	673.4	693.5	713.4	733.5	753.6	775.9
30°	755.3	724.2	709.3	694.4	679.4	664.5	683.8	702.9	722.1	741.2	766.0
32.5°	781.8	760.8	750.8	741.0	731.0	721.1	722.7	724.2	725.8	727.3	762.2
35°	823.2	791.3	781.4	771.6	761.8	751.9	768.4	784.7	801.1	817.4	846.9
37.5°	946.3	928.7	911.0	893.3	875.4	857.7	867.4	877.1	886.8	896.5	924.3
40°	1050.9	1021.3	1018.3	1015.5	1012.6	1009.6	1010.5	1011.2	1012.0	1012.9	1036.6
42.5°	1237.0	1212.5	1197.5	1182.5	1167.4	1152.4	1151.4	1150.4	1149.3	1148.3	1166.2
45°	1438.9	1420.8	1409.5	1398.3	1386.9	1375.7	1357.8	1340.0	1322.0	1304.2	1319.8
47.5°	1614.8	1615.8	1636.2	1656.4	1676.8	1697.2	1666.7	1636.2	1605.7	1575.2	1555.1
50°	1849.8	1891.4	1896.3	1901.1	1906.0	1910.9	1859.2	1807.6	1755.9	1704.2	1683.1
52.5°	2014.2	2072.7	2065.1	2057.6	2050.0	2042.4	2012.5	1982.7	1952.8	1922.9	1876.9
55°	2115.4	2180.4	2174.7	2169.0	2163.3	2157.5	2135.7	2114.0	2092.2	2070.4	2020.0
57.5°	2174.0	2235.8	2237.5	2239.2	2240.9	2242.5	2236.8	2231.0	2225.3	2219.5	2153.9
60°	2193.8	2260.8	2261.5	2262.1	2262.8	2263.3	2254.2	2245.1	2235.8	2226.7	2183.8
62.5°	2132.7	2192.5	2195.2	2197.7	2200.4	2203.1	2196.7	2190.4	2184.1	2177.8	2146.0
65°	2040.6	2078.1	2078.8	2079.4	2080.1	2080.8	2064.8	2048.9	2032.9	2016.9	2009.3
67.5°	1767.3	1769.8	1784.7	1799.6	1814.5	1829.4	1830.7	1831.9	1833.3	1834.6	1823.7
70°	1427.1	1412.5	1428.7	1444.8	1461.0	1477.1	1484.0	1490.9	1497.9	1504.8	1509.9
72.5°	1111.2	1086.9	1098.9	1110.8	1122.9	1134.8	1124.6	1114.3	1104.1	1093.8	1126.3
75°	843.7	813.7	812.2	810.8	809.2	807.8	802.6	797.4	792.1	786.9	817.3
77.5°	646.1	626.7	627.7	628.5	629.5	630.4	625.0	619.8	614.5	609.1	620.8
80°	535.5	540.7	540.9	541.0	541.1	541.3	536.2	531.3	526.2	521.2	512.8
82.5°	429.3	443.2	443.1	443.1	442.9	442.8	442.5	442.2	441.8	441.5	427.7
85°	307.6	316.9	307.3	297.8	288.2	278.6	285.7	292.7	299.9	306.9	301.1
87.5°	104.1	95.4	84.0	72.8	61.4	50.0	62.2	74.5	86.8	99.1	106.1
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: P366612
 CATALOG NUMBER: MSA-SA1A-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: P366612

CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3	305.3
2.5°	368.4	367.0	365.8	356.9	347.9	339.1	330.1	346.4	362.8	379.1	395.4
5°	467.1	464.1	461.3	460.6	459.9	459.1	458.4	466.7	475.0	483.1	491.4
7.5°	529.5	527.2	525.0	519.1	513.3	507.4	501.5	506.6	511.5	516.5	521.5
10°	577.0	572.1	567.1	554.3	541.7	528.9	516.1	512.3	508.5	504.7	500.9
12.5°	638.0	625.9	613.9	599.5	584.8	570.4	555.8	553.8	551.8	550.0	548.0
15°	685.6	681.8	678.0	666.5	655.0	643.4	631.9	616.5	600.9	585.4	569.9
17.5°	685.2	679.1	673.2	688.7	704.0	719.5	734.8	718.3	701.8	685.3	668.9
20°	706.5	703.0	699.6	728.2	756.6	785.1	813.5	804.5	795.3	786.3	777.2
22.5°	762.7	776.2	789.6	814.0	838.3	862.8	887.1	897.4	907.6	917.9	928.1
25°	821.8	843.7	865.6	902.0	938.2	974.6	1011.0	1018.3	1025.6	1033.0	1040.3
27.5°	798.1	820.5	842.8	870.4	897.8	925.3	952.7	984.8	1016.9	1049.0	1081.0
30°	790.6	815.3	839.9	877.7	915.3	953.1	990.9	1035.1	1079.2	1123.2	1167.3
32.5°	796.9	831.7	866.6	917.7	968.7	1019.9	1071.0	1117.4	1163.9	1210.3	1256.7
35°	876.3	905.8	935.2	992.3	1049.5	1106.7	1163.9	1218.3	1272.7	1326.9	1381.3
37.5°	952.0	979.8	1007.7	1066.1	1124.4	1182.9	1241.3	1327.2	1413.2	1499.1	1584.9
40°	1060.2	1084.0	1107.6	1157.6	1207.6	1257.6	1307.7	1411.2	1514.8	1618.4	1721.9
42.5°	1183.9	1201.7	1219.4	1271.3	1323.1	1375.0	1426.8	1539.5	1652.4	1765.1	1877.8
45°	1335.2	1350.8	1366.4	1402.1	1437.8	1473.6	1509.3	1625.5	1741.7	1857.9	1974.1
47.5°	1535.0	1514.9	1494.8	1512.4	1530.0	1547.5	1565.1	1680.0	1795.0	1909.8	2024.7
50°	1662.1	1641.0	1619.9	1621.4	1622.8	1624.4	1625.9	1733.2	1840.4	1947.4	2054.7
52.5°	1831.0	1784.9	1738.9	1738.5	1738.1	1737.5	1737.1	1830.5	1924.1	2017.6	2111.0
55°	1969.5	1919.1	1868.6	1858.8	1848.9	1839.0	1829.1	1921.6	2013.9	2106.4	2198.7
57.5°	2088.2	2022.5	1956.9	1941.4	1925.9	1910.5	1895.0	1994.7	2094.4	2194.1	2293.7
60°	2141.1	2098.2	2055.5	2036.5	2017.6	1998.6	1979.6	2064.5	2149.4	2234.1	2319.0
62.5°	2114.4	2082.6	2051.0	2055.4	2059.7	2064.1	2068.4	2116.9	2165.5	2214.0	2262.5
65°	2001.8	1994.2	1986.8	2021.9	2057.1	2092.2	2127.3	2128.0	2128.7	2129.4	2130.1
67.5°	1812.7	1801.7	1790.8	1863.8	1936.8	2009.8	2082.9	2048.2	2013.5	1978.9	1944.2
70°	1514.8	1519.8	1524.8	1624.3	1723.6	1823.1	1922.6	1872.3	1821.8	1771.5	1721.1
72.5°	1158.7	1191.3	1223.8	1326.9	1430.1	1533.2	1636.3	1578.9	1521.3	1463.8	1406.2
75°	847.6	878.0	908.3	1010.2	1112.1	1214.1	1316.0	1247.7	1179.4	1111.2	1042.9
77.5°	632.5	644.3	655.9	740.7	825.3	910.0	994.6	926.0	857.4	789.0	720.4
80°	504.5	496.0	487.7	534.7	581.6	628.5	675.5	626.9	578.1	529.5	480.9
82.5°	414.1	400.3	386.7	404.1	421.6	439.1	456.5	417.6	378.7	339.8	300.9
85°	295.4	289.6	283.8	288.9	293.8	298.9	303.9	266.0	228.1	190.3	152.3
87.5°	113.0	120.0	127.0	135.0	142.9	150.9	158.8	124.4	89.9	55.6	21.2
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: P366612
 CATALOG NUMBER: MSA-SA1A-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: P366612
 CATALOG NUMBER: MSA-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	305.3	305.3
2.5°	402.2	408.9
5°	491.3	491.1
7.5°	519.2	516.8
10°	494.8	488.6
12.5°	529.8	511.3
15°	551.7	533.3
17.5°	641.2	613.4
20°	744.2	711.0
22.5°	877.7	827.2
25°	980.0	919.6
27.5°	1045.2	1009.2
30°	1126.1	1084.9
32.5°	1226.3	1195.8
35°	1353.5	1325.5
37.5°	1576.2	1567.3
40°	1711.4	1700.7
42.5°	1878.2	1878.5
45°	1980.5	1986.8
47.5°	2040.8	2056.6
50°	2088.8	2122.8
52.5°	2157.5	2204.0
55°	2260.5	2322.2
57.5°	2346.2	2398.8
60°	2346.2	2373.4
62.5°	2261.8	2260.9
65°	2117.1	2103.8
67.5°	1927.6	1911.1
70°	1695.2	1669.2
72.5°	1374.0	1341.7
75°	998.7	954.3
77.5°	699.4	678.1
80°	491.1	501.4
82.5°	315.5	330.1
85°	150.1	147.8
87.5°	17.7	14.2
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



REPORT NUMBER: P366612
CATALOG NUMBER: MSA-SA1A-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)