

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: P367008

Luminaire Tested: **MSA-SA1D-727-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367008
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-SA1D-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: 4913 lumens
Efficiency: N/A
Efficacy: 73.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

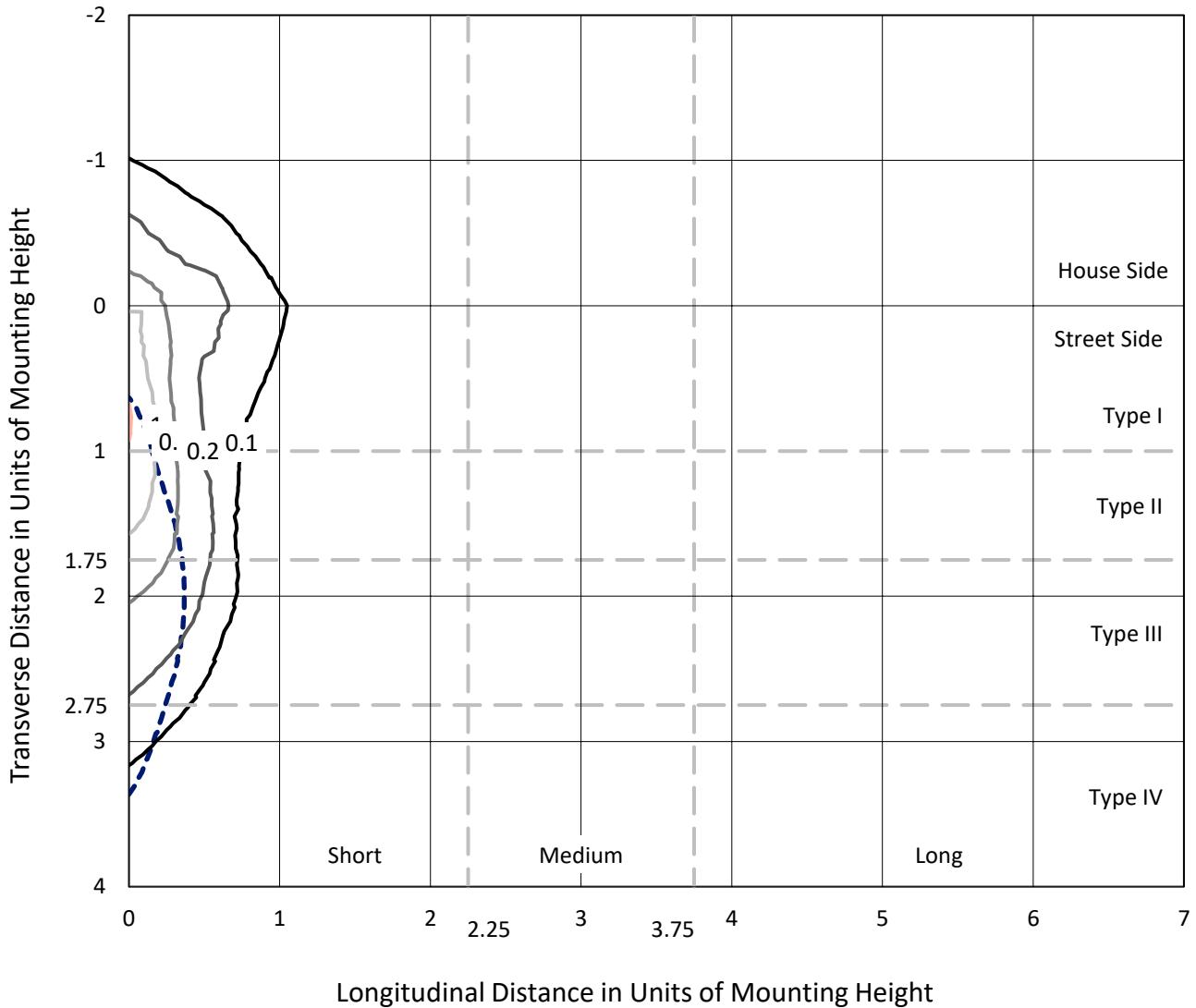
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P367008
 CATALOG NUMBER: MSA-SA1D-727-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

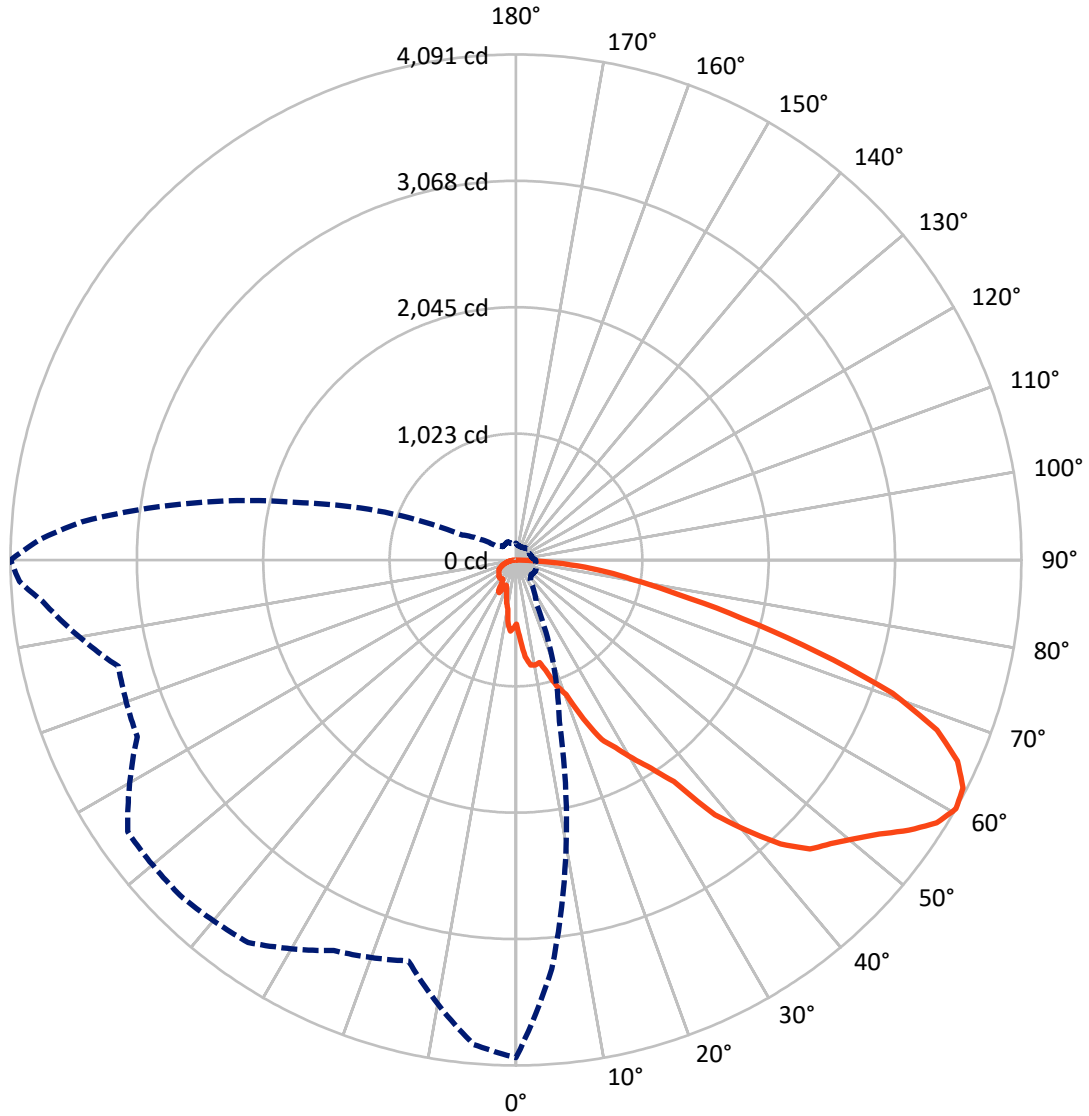
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.1 fc
 Type IV - Short - N/A

REPORT NUMBER: P367008
CATALOG NUMBER: MSA-SA1D-727-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P367008

CATALOG NUMBER: MSA-SA1D-727-U-SLR

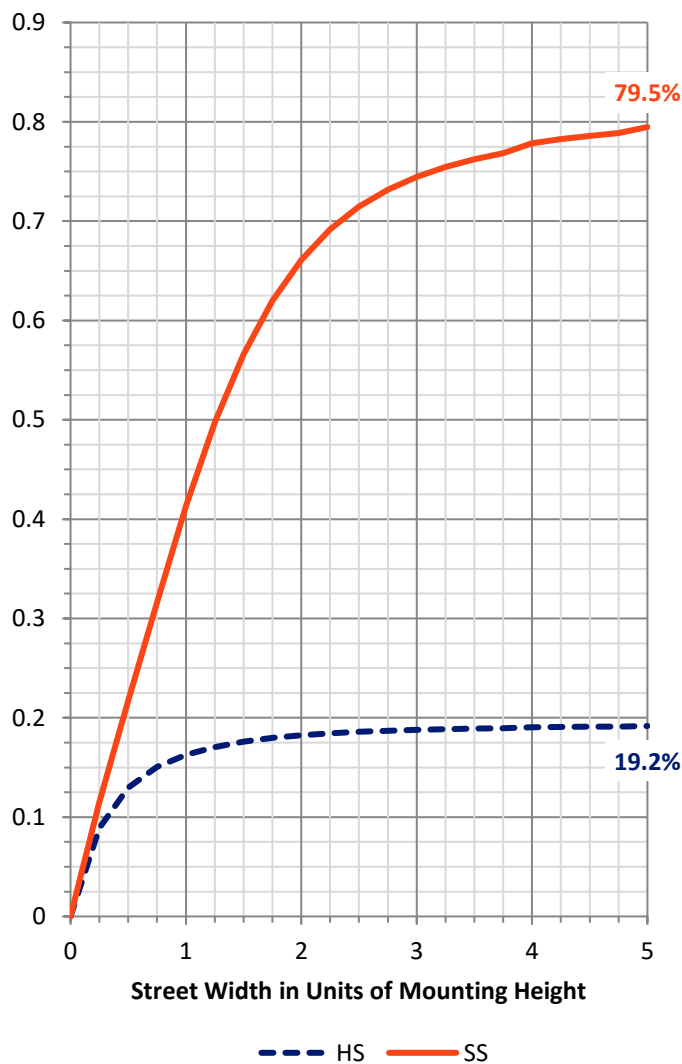
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	951.5	0.0	951.5
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	3961.5	0.0	3961.5
	% Fixture	80.6	0.0	80.6
Total	Lumens	4913.0	0.0	4913.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.4	1.2
10°-20°	172.6	3.5
20°-30°	304.7	6.2
30°-40°	474.6	9.7
40°-50°	781.4	15.9
50°-60°	1115.3	22.7
60°-70°	1182.6	24.1
70°-80°	653.2	13.3
80°-90°	169.0	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°	4913.0	100.0
0°-180°	4913.0	100.0

Coefficient of Utilization



REPORT NUMBER: P367008

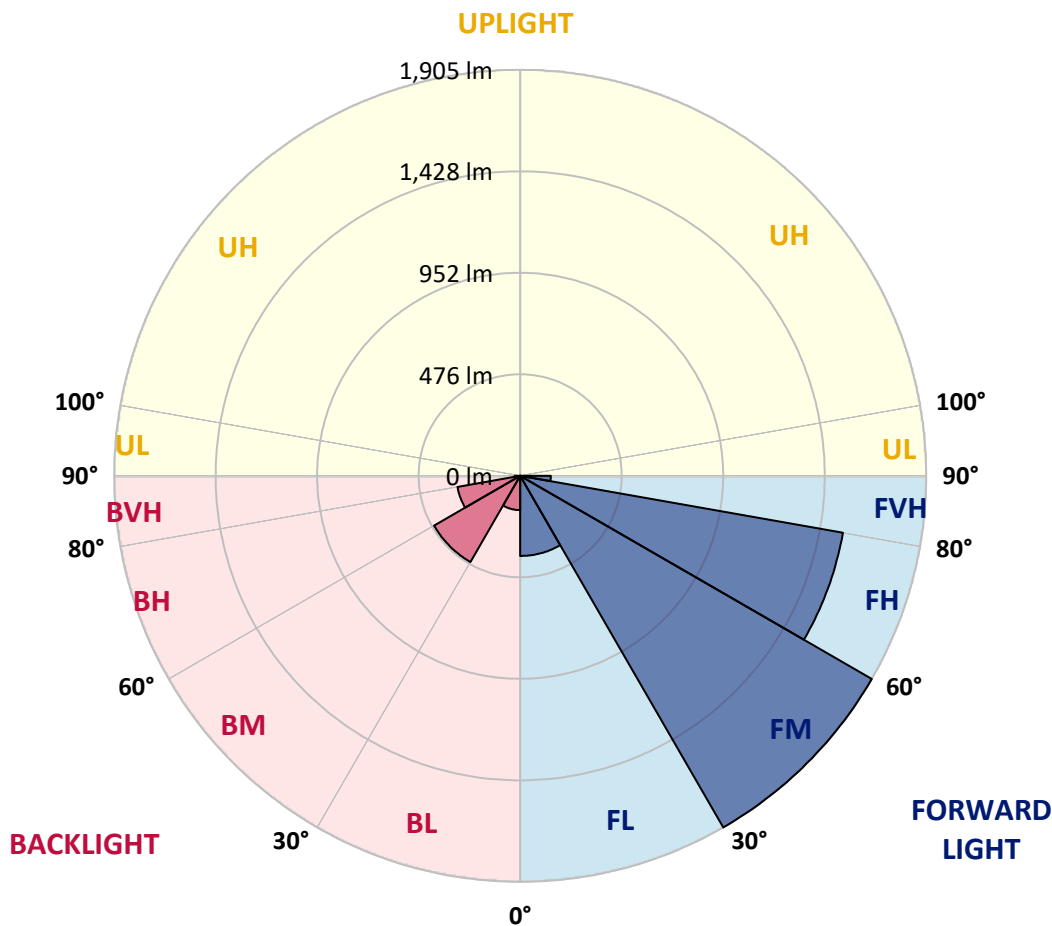
CATALOG NUMBER: MSA-SA1D-727-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	375.9	7.7			
FM (30°-60°)	1904.6	38.8			
FH (60°-80°)	1537.3	31.3			G1/1800
FVH (80°-90°)	143.6	2.9			G2/225
BL (0°-30°)	160.9	3.3	B1/500		
BM (30°-60°)	466.8	9.5	B1/1000		
BH (60°-80°)	298.6	6.1	B1/500		G1/500
BVH (80°-90°)	25.4	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short





REPORT NUMBER: P367008

CATALOG NUMBER: MSA-SA1D-727-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2
2.5°	693.9	698.2	702.3	694.2	686.1	677.7	669.6	657.5	645.1	632.9	620.5
5°	833.4	817.7	801.7	795.3	789.1	782.7	776.2	770.3	764.3	758.1	752.1
7.5°	877.1	854.7	832.0	822.5	812.9	803.2	793.6	772.2	750.7	729.0	707.5
10°	829.2	805.8	782.2	772.9	763.3	754.0	744.5	718.3	692.3	666.0	639.8
12.5°	867.8	843.9	819.9	790.3	760.7	730.9	701.3	686.8	672.2	657.5	642.9
15°	905.0	872.8	840.4	810.8	781.2	751.4	721.8	692.8	663.7	634.6	605.5
17.5°	1040.9	987.3	933.6	880.2	826.5	773.1	719.5	685.8	652.0	618.4	584.5
20°	1206.7	1132.0	1057.1	976.1	894.7	813.7	732.3	689.9	647.7	605.2	562.8
22.5°	1403.9	1309.7	1215.5	1113.2	1010.9	908.3	806.0	744.5	683.0	621.2	559.7
25°	1560.5	1469.9	1379.3	1249.6	1119.9	990.1	860.4	790.5	720.7	650.5	580.7
27.5°	1712.7	1568.4	1423.9	1275.3	1127.0	978.4	829.9	765.2	700.6	636.0	571.4
30°	1841.2	1726.8	1612.3	1418.4	1224.5	1030.4	836.5	757.1	677.7	598.3	518.9
32.5°	2029.4	1866.0	1702.4	1500.2	1298.0	1095.8	893.5	792.0	690.4	588.8	487.2
35°	2249.5	2079.7	1909.9	1659.7	1409.8	1159.7	909.5	802.0	694.2	586.6	478.8
37.5°	2659.9	2360.6	2061.1	1788.0	1515.0	1241.7	968.7	843.7	718.7	593.5	468.6
40°	2886.2	2609.6	2332.9	1992.6	1652.4	1311.8	971.5	843.7	715.6	587.8	459.8
42.5°	3187.9	2838.0	2487.9	2120.0	1752.3	1384.3	1016.4	874.7	733.1	591.2	449.5
45°	3371.7	2981.8	2591.7	2198.4	1805.2	1412.0	1018.7	874.9	731.1	587.3	443.6
47.5°	3490.2	3115.8	2741.2	2317.9	1894.6	1471.1	1047.8	895.2	742.4	589.7	436.9
50°	3602.6	3231.7	2860.7	2421.2	1981.9	1542.4	1102.9	936.2	769.5	602.6	435.9
52.5°	3740.4	3398.9	3057.2	2585.7	2114.0	1642.6	1170.9	989.4	807.9	626.5	445.0
55°	3940.9	3604.5	3267.7	2761.7	2255.4	1749.4	1243.1	1041.6	840.4	638.9	437.4
57.5°	4070.9	3729.7	3388.4	2872.4	2356.3	1840.0	1324.0	1100.8	877.6	654.1	430.9
60°	4027.7	3675.8	3323.5	2831.6	2339.6	1847.7	1355.7	1114.6	873.8	632.7	391.6
62.5°	3837.0	3462.8	3088.7	2648.0	2207.5	1766.8	1326.1	1081.0	836.1	590.9	345.8
65°	3570.4	3183.6	2796.5	2399.0	2001.5	1603.9	1206.4	983.9	761.2	538.7	316.0
67.5°	3243.2	2839.9	2436.4	2084.5	1732.5	1380.3	1028.3	842.3	656.5	470.5	284.5
70°	2832.8	2436.4	2040.1	1735.6	1431.1	1126.5	822.0	682.0	542.3	402.3	262.3
72.5°	2276.9	1934.9	1593.0	1353.3	1113.7	874.0	634.3	537.0	440.0	342.7	245.4
75°	1619.4	1418.4	1217.4	1030.9	844.4	657.7	471.2	408.3	345.3	282.3	219.4
77.5°	1150.9	1032.3	913.8	767.6	621.5	475.3	329.1	292.1	255.4	218.4	181.5
80°	850.9	751.9	652.9	542.8	432.6	322.4	212.2	194.1	176.2	158.1	140.0
82.5°	560.2	515.6	470.7	383.5	296.2	208.9	121.6	114.9	108.3	101.6	94.9
85°	250.9	264.9	278.8	225.4	171.7	118.3	64.6	61.5	58.4	55.3	52.2
87.5°	24.1	35.5	47.0	40.3	33.4	26.7	19.8	19.6	19.6	19.3	19.1
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: P367008
 CATALOG NUMBER: MSA-SA1D-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: P367008
 CATALOG NUMBER: MSA-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2
2.5°	623.8	627.2	630.5	633.9	630.3	626.7	622.9	619.3	614.8	610.2	605.5
5°	742.1	731.9	721.8	711.6	696.3	681.1	665.6	650.3	648.4	646.3	644.3
7.5°	688.7	670.1	651.3	632.4	608.6	585.0	561.1	537.3	530.1	523.0	515.8
10°	627.2	614.3	601.7	588.8	574.0	559.2	544.2	529.4	509.8	490.1	470.5
12.5°	621.9	600.9	579.7	558.7	549.7	540.6	531.5	522.5	505.3	488.1	470.7
15°	588.5	571.4	554.4	537.3	524.2	511.0	497.9	484.8	471.0	456.9	443.1
17.5°	564.9	545.4	525.8	506.3	491.2	476.2	461.0	445.9	429.2	412.3	395.6
20°	540.4	518.2	495.8	473.4	454.3	435.4	416.4	397.3	378.9	360.8	342.4
22.5°	530.4	501.0	471.7	442.4	422.3	402.1	382.0	361.8	344.8	327.9	311.0
25°	545.6	510.8	475.7	440.7	413.7	386.6	359.6	332.4	318.4	304.3	290.0
27.5°	527.7	483.9	440.2	396.3	367.5	338.4	309.5	280.4	278.3	276.1	273.8
30°	472.9	426.9	380.8	334.8	308.3	281.6	255.2	228.5	223.4	218.2	213.2
32.5°	440.2	393.2	346.3	299.3	275.7	251.8	228.2	204.4	198.6	192.9	187.2
35°	427.8	376.8	325.7	274.7	254.4	234.2	213.9	193.6	189.6	185.8	181.7
37.5°	417.8	367.2	316.4	265.7	246.1	226.5	206.8	187.2	184.1	181.0	177.9
40°	408.3	357.0	305.5	254.0	236.6	219.4	202.0	184.6	182.7	180.8	178.6
42.5°	399.7	349.8	299.8	249.9	234.4	219.2	203.7	188.2	186.2	184.3	182.4
45°	394.9	346.3	297.6	249.0	237.8	226.5	215.1	203.9	199.4	194.8	190.1
47.5°	391.3	345.8	300.2	254.7	243.0	231.3	219.6	207.9	203.9	199.8	195.5
50°	392.0	348.4	304.5	260.6	246.6	232.3	218.2	203.9	203.4	202.9	202.5
52.5°	398.5	352.2	305.7	259.2	244.0	228.7	213.2	197.9	201.0	203.9	207.0
55°	389.2	341.0	292.6	244.4	229.9	215.6	201.0	186.5	190.5	194.4	198.4
57.5°	378.7	326.5	274.2	222.0	211.0	200.1	188.9	177.9	182.2	186.7	191.0
60°	343.9	296.2	248.5	200.8	193.4	186.0	178.6	171.2	173.1	175.0	176.9
62.5°	305.7	265.4	225.4	185.1	179.3	173.4	167.6	161.7	161.7	161.9	161.9
65°	281.4	246.8	212.2	177.7	171.2	164.8	158.1	151.7	150.7	149.8	148.8
67.5°	257.1	229.9	202.5	175.0	165.7	156.7	147.4	138.1	136.9	135.9	134.7
70°	238.0	213.7	189.3	165.0	154.5	144.3	133.8	123.3	122.3	121.6	120.7
72.5°	222.5	199.8	176.9	154.1	143.1	131.9	120.9	109.7	109.0	108.3	107.3
75°	199.1	179.1	158.8	138.6	127.8	117.3	106.6	95.9	94.9	94.2	93.2
77.5°	164.8	147.9	131.2	114.2	105.9	97.8	89.4	81.1	80.6	80.1	79.4
80°	126.9	113.7	100.4	87.3	81.8	76.1	70.6	64.9	64.6	64.4	63.9
82.5°	87.0	79.2	71.3	63.4	59.4	55.1	51.0	46.7	47.0	47.2	47.5
85°	49.6	46.7	44.1	41.3	37.9	34.8	31.5	28.1	28.9	29.6	30.0
87.5°	18.1	17.2	16.2	15.3	13.6	12.2	10.5	8.8	9.3	10.0	10.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367008
 CATALOG NUMBER: MSA-SA1D-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: P367008
 CATALOG NUMBER: MSA-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2
2.5°	600.9	593.8	586.6	579.5	572.3	557.5	543.0	528.2	513.4	522.5	531.8
5°	642.2	630.0	617.6	605.5	593.1	586.2	579.2	572.3	565.4	569.0	572.8
7.5°	508.7	501.5	494.1	487.0	479.6	476.5	473.6	470.5	467.4	476.2	485.0
10°	450.7	440.7	430.7	420.4	410.4	404.4	398.5	392.5	386.6	388.9	391.3
12.5°	453.6	438.8	424.0	409.2	394.4	385.6	376.8	368.0	359.1	361.3	363.4
15°	429.0	413.7	398.5	383.2	368.0	357.7	347.2	337.0	326.5	322.9	319.1
17.5°	378.7	362.0	345.3	328.6	311.9	305.0	298.1	291.2	284.3	280.4	276.6
20°	324.1	308.6	293.1	277.6	262.1	257.3	252.5	247.5	242.8	240.4	237.8
22.5°	294.0	284.5	274.7	265.2	255.4	249.9	244.7	239.2	233.7	231.1	228.2
25°	275.9	277.8	280.0	281.9	283.8	281.4	278.8	276.4	273.8	274.7	275.4
27.5°	271.6	275.7	280.0	284.0	288.1	290.2	292.4	294.5	296.7	297.4	298.1
30°	207.9	210.1	212.0	214.1	216.1	222.0	228.0	233.7	239.7	249.0	258.5
32.5°	181.5	180.8	180.0	179.1	178.4	179.8	181.2	182.4	183.9	187.2	190.8
35°	177.7	176.0	174.1	172.4	170.5	171.2	171.9	172.7	173.4	176.0	178.6
37.5°	174.8	174.1	173.6	172.9	172.2	173.8	175.3	176.9	178.4	180.5	182.7
40°	176.7	176.5	176.2	175.8	175.5	176.5	177.4	178.4	179.3	182.2	185.1
42.5°	180.5	180.5	180.3	180.3	180.0	181.0	181.7	182.7	183.4	185.1	186.7
45°	185.5	185.1	184.8	184.3	183.9	183.6	183.6	183.4	183.1	184.1	185.3
47.5°	191.5	189.8	187.9	186.2	184.3	183.9	183.1	182.7	182.0	182.4	182.9
50°	202.0	197.5	193.2	188.6	184.1	182.9	181.7	180.5	179.3	179.1	179.1
52.5°	209.9	203.2	196.5	189.8	183.1	181.0	178.9	176.7	174.6	174.1	173.8
55°	202.2	197.2	192.4	187.4	182.4	179.3	176.0	172.9	169.6	168.8	168.1
57.5°	195.3	192.2	189.1	186.0	182.9	179.8	176.5	173.4	170.0	168.4	166.7
60°	178.9	178.9	179.1	179.1	179.1	175.8	172.4	169.1	165.7	164.1	162.6
62.5°	161.9	164.5	166.9	169.6	171.9	167.4	162.6	158.1	153.3	152.1	151.2
65°	147.9	148.6	149.5	150.2	151.0	147.4	143.8	140.2	136.6	135.9	135.0
67.5°	133.5	133.3	133.1	132.6	132.4	130.2	127.8	125.7	123.3	122.3	121.4
70°	119.7	119.5	119.2	118.8	118.5	116.6	114.7	112.8	110.9	110.2	109.5
72.5°	106.6	106.4	105.9	105.6	105.2	103.5	102.1	100.4	98.7	97.8	96.8
75°	92.3	91.8	91.3	90.9	90.4	88.9	87.5	85.8	84.4	83.5	82.5
77.5°	78.9	78.2	77.5	76.5	75.8	74.6	73.2	72.0	70.6	69.4	68.4
80°	63.7	63.2	62.7	62.0	61.5	60.3	59.1	57.7	56.5	55.1	53.9
82.5°	47.7	47.5	47.0	46.7	46.3	45.1	43.9	42.7	41.5	40.1	38.6
85°	30.8	30.5	30.3	30.0	29.8	28.9	28.1	27.2	26.2	24.8	23.6
87.5°	11.0	10.5	10.3	9.8	9.3	9.1	8.6	8.3	7.9	7.2	6.4
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: P367008
 CATALOG NUMBER: MSA-SA1D-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: P367008

CATALOG NUMBER: MSA-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2
2.5°	540.8	549.9	550.1	550.1	554.4	558.5	550.1	541.8	533.2	524.9	516.5
5°	576.4	580.0	579.0	577.8	572.6	567.3	561.8	556.3	550.9	545.4	545.6
7.5°	493.9	502.7	509.8	516.8	510.1	503.4	499.8	496.3	492.7	489.1	488.6
10°	393.5	395.9	398.7	401.3	397.3	393.0	400.2	407.3	414.2	421.4	413.5
12.5°	365.6	367.7	362.7	357.5	355.8	354.1	352.5	350.5	348.9	347.0	346.0
15°	315.5	311.7	307.9	303.8	302.9	301.7	300.5	299.0	297.8	296.4	292.1
17.5°	272.8	269.0	262.6	255.9	253.3	250.4	249.7	249.0	248.0	247.3	243.2
20°	235.4	232.7	231.1	229.2	226.5	223.9	221.3	218.7	215.8	213.2	209.4
22.5°	225.6	222.7	220.6	218.2	217.7	217.2	212.5	207.5	202.7	197.7	195.5
25°	276.4	277.1	264.0	250.6	249.4	248.2	239.7	230.8	222.3	213.4	206.0
27.5°	298.6	299.3	298.8	298.3	294.5	290.5	275.9	261.1	246.6	231.8	221.3
30°	267.8	277.1	280.7	284.3	281.6	278.8	263.5	248.5	233.2	218.0	211.0
32.5°	194.1	197.5	203.4	209.1	212.2	215.1	210.3	205.6	200.8	196.0	194.8
35°	181.0	183.6	184.8	186.0	184.1	182.2	178.6	175.0	171.2	167.6	166.9
37.5°	184.6	186.7	189.1	191.5	186.2	180.8	176.7	172.9	168.8	164.8	161.4
40°	187.9	190.8	192.2	193.6	188.4	183.1	178.1	173.4	168.4	163.4	160.0
42.5°	188.4	190.1	192.7	195.3	187.9	180.3	175.8	171.0	166.5	161.7	158.3
45°	186.2	187.2	189.6	192.0	183.4	174.6	170.5	166.2	162.2	157.9	155.0
47.5°	183.1	183.6	185.5	187.2	178.1	168.8	165.0	161.2	157.2	153.3	150.5
50°	178.9	178.6	180.0	181.2	171.9	162.6	158.8	155.2	151.4	147.6	145.2
52.5°	173.4	172.9	174.3	175.5	165.7	156.0	152.6	149.5	146.2	142.8	140.9
55°	167.2	166.5	167.6	168.8	159.3	149.5	146.7	143.6	140.7	137.6	135.9
57.5°	164.8	163.1	163.8	164.5	153.8	143.1	140.2	137.4	134.5	131.6	130.4
60°	161.0	159.3	160.0	160.5	149.0	137.4	134.7	131.9	129.3	126.4	125.2
62.5°	150.0	148.8	149.8	150.7	140.5	130.0	127.6	125.4	123.1	120.7	119.0
65°	134.3	133.3	135.2	137.1	128.3	119.5	118.0	116.6	114.9	113.5	111.8
67.5°	120.4	119.5	121.4	123.3	116.8	110.4	109.0	107.5	106.1	104.7	103.7
70°	108.7	108.0	109.7	111.4	105.9	100.4	99.0	97.8	96.3	94.9	94.2
72.5°	95.6	94.7	96.8	98.7	94.2	89.4	88.2	86.8	85.6	84.2	83.7
75°	81.6	80.6	82.5	84.2	81.1	77.7	76.5	75.4	74.2	73.0	72.7
77.5°	67.2	66.1	68.0	69.6	67.7	65.6	64.6	63.4	62.5	61.3	61.3
80°	52.5	51.0	52.5	53.7	52.9	52.2	51.5	50.6	49.8	48.9	49.1
82.5°	37.2	35.8	36.5	37.2	37.7	38.2	38.2	38.2	38.2	38.2	38.2
85°	22.2	20.7	21.0	21.2	21.9	22.7	22.9	23.1	23.4	23.6	23.8
87.5°	5.7	5.0	4.5	3.8	4.5	5.0	5.5	5.7	6.2	6.4	6.4
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: P367008
 CATALOG NUMBER: MSA-SA1D-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: P367008
 CATALOG NUMBER: MSA-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2
2.5°	508.2	499.6	491.2	496.5	501.5	506.7	511.8	512.0	512.0	512.2	512.2
5°	546.1	546.3	546.6	541.6	536.8	531.8	526.8	524.2	521.5	518.7	516.0
7.5°	487.9	487.4	486.7	481.9	477.2	472.4	467.6	456.2	444.5	433.1	421.4
10°	405.4	397.5	389.4	387.5	385.8	383.9	382.0	378.9	376.1	373.0	369.9
12.5°	345.1	344.1	343.2	338.1	333.1	327.9	322.9	322.9	322.9	322.9	322.9
15°	287.6	283.3	278.8	276.4	273.8	271.4	268.8	267.6	266.4	265.2	264.0
17.5°	238.9	234.9	230.6	230.1	229.6	229.2	228.7	227.5	226.3	225.1	223.9
20°	205.6	201.7	197.9	199.4	200.8	202.0	203.4	202.2	201.0	199.6	198.4
22.5°	193.2	191.0	188.6	187.4	186.2	184.8	183.6	183.6	183.9	183.9	183.9
25°	198.9	191.5	184.1	180.5	176.9	173.1	169.6	168.1	166.9	165.5	164.1
27.5°	210.8	200.1	189.6	183.4	177.2	171.0	164.8	162.2	159.3	156.7	153.8
30°	203.9	197.0	189.8	182.7	175.5	168.4	161.2	157.9	154.5	151.0	147.6
32.5°	193.6	192.2	191.0	184.3	177.7	170.7	164.1	162.6	161.4	160.0	158.6
35°	166.0	165.3	164.3	162.6	161.0	159.3	157.6	155.7	153.8	151.9	150.0
37.5°	158.3	155.0	151.7	151.0	150.2	149.5	148.8	148.1	147.4	146.4	145.7
40°	156.7	153.3	150.0	148.8	147.6	146.2	145.0	145.2	145.7	145.9	146.2
42.5°	154.8	151.4	147.9	146.9	145.9	145.0	144.0	144.3	144.8	145.0	145.2
45°	152.4	149.5	146.7	145.0	143.6	141.9	140.2	141.7	143.1	144.3	145.7
47.5°	147.6	144.5	141.7	140.7	139.7	138.6	137.6	139.0	140.5	141.7	143.1
50°	142.6	140.2	137.6	137.4	137.1	136.6	136.4	137.4	138.3	139.3	140.2
52.5°	138.8	136.9	134.7	134.7	134.5	134.5	134.3	135.2	136.2	136.9	137.8
55°	134.5	132.8	131.2	131.4	131.9	132.1	132.4	133.3	134.5	135.5	136.4
57.5°	129.0	127.8	126.4	127.3	128.1	129.0	129.7	130.4	131.4	132.1	132.8
60°	123.8	122.6	121.1	122.1	123.3	124.2	125.2	125.9	126.6	127.3	128.1
62.5°	117.3	115.4	113.7	115.2	116.4	117.8	119.0	119.5	120.2	120.7	121.1
65°	110.4	108.7	107.1	108.0	109.0	109.7	110.6	111.4	112.1	112.8	113.5
67.5°	102.5	101.6	100.4	101.1	101.8	102.5	103.3	103.5	103.5	103.7	103.7
70°	93.2	92.5	91.6	92.0	92.8	93.2	93.7	93.7	93.7	93.5	93.5
72.5°	83.5	83.0	82.5	82.7	83.2	83.5	83.7	83.5	83.2	83.0	82.7
75°	72.5	72.3	72.0	72.3	72.7	73.0	73.2	73.0	72.5	72.3	71.8
77.5°	61.5	61.5	61.5	61.5	61.8	61.8	61.8	61.3	60.8	60.3	59.9
80°	49.4	49.6	49.8	49.8	49.8	49.8	49.8	49.4	48.9	48.2	47.7
82.5°	38.2	38.2	38.2	38.2	38.4	38.4	38.4	37.2	36.2	35.1	33.9
85°	23.8	24.1	24.1	24.3	24.6	24.6	24.8	23.1	21.7	20.0	18.4
87.5°	6.4	6.4	6.4	6.4	6.4	6.2	6.2	4.8	3.1	1.7	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: P367008
 CATALOG NUMBER: MSA-SA1D-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: P367008

CATALOG NUMBER: MSA-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2
2.5°	513.7	515.1	516.3	517.7	518.0	518.2	518.2	518.4	513.4	508.4	503.2
5°	519.6	523.0	526.5	529.9	529.2	528.4	527.7	527.0	525.6	524.4	523.0
7.5°	418.8	416.4	413.7	411.1	413.3	415.4	417.6	419.7	420.7	421.6	422.3
10°	363.9	357.9	352.0	346.0	342.7	339.1	335.8	332.2	331.7	331.5	331.0
12.5°	316.7	310.2	304.0	297.6	295.7	293.6	291.6	289.5	291.4	293.3	295.0
15°	261.4	259.0	256.4	253.7	255.9	258.0	260.2	262.3	264.2	265.9	267.8
17.5°	222.7	221.8	220.6	219.4	221.3	223.4	225.4	227.3	231.6	235.8	240.1
20°	197.5	196.7	195.8	194.8	194.1	193.2	192.4	191.5	197.7	203.7	209.9
22.5°	182.4	181.0	179.6	178.1	178.4	178.6	178.6	178.9	183.9	189.1	194.1
25°	163.6	163.1	162.6	162.2	163.6	165.0	166.2	167.6	172.2	176.7	181.0
27.5°	154.1	154.3	154.5	154.8	156.7	158.8	160.7	162.6	165.7	168.8	171.9
30°	148.8	150.2	151.4	152.6	153.3	154.1	154.8	155.5	158.6	161.4	164.5
32.5°	156.7	154.8	152.6	150.7	151.7	152.9	153.8	154.8	157.6	160.5	163.4
35°	149.3	148.3	147.6	146.7	147.9	149.0	150.0	151.2	153.8	156.2	158.8
37.5°	145.5	145.2	145.0	144.8	145.5	146.2	146.7	147.4	149.8	152.1	154.3
40°	145.2	144.0	143.1	141.9	142.6	143.3	143.8	144.5	147.4	150.2	153.1
42.5°	143.8	142.4	140.7	139.3	140.0	140.9	141.7	142.4	145.5	148.3	151.4
45°	143.6	141.4	139.0	136.9	137.8	138.8	139.7	140.7	143.1	145.5	147.6
47.5°	140.9	138.8	136.6	134.5	135.0	135.5	135.7	136.2	138.3	140.2	142.4
50°	138.8	137.1	135.7	134.0	133.3	132.8	132.1	131.4	133.1	134.7	136.4
52.5°	136.2	134.5	132.6	130.9	130.0	129.0	128.1	127.1	128.5	129.7	131.2
55°	134.5	132.4	130.4	128.3	127.1	125.9	124.7	123.5	124.5	125.2	126.2
57.5°	130.9	129.0	126.9	125.0	123.5	122.1	120.4	119.0	119.5	119.9	120.4
60°	126.2	124.0	122.1	119.9	118.3	116.6	114.7	113.0	113.3	113.7	114.0
62.5°	119.2	117.3	115.2	113.3	111.4	109.7	107.8	105.9	106.4	106.6	107.1
65°	111.6	109.5	107.5	105.4	103.7	102.1	100.2	98.5	99.0	99.4	99.7
67.5°	102.3	100.6	99.2	97.5	96.1	94.4	93.0	91.3	91.6	91.8	92.0
70°	92.3	90.9	89.7	88.2	87.0	85.8	84.7	83.5	83.5	83.7	83.7
72.5°	81.6	80.4	79.2	78.0	76.8	75.8	74.6	73.4	73.9	74.4	74.6
75°	70.6	69.6	68.4	67.2	66.3	65.3	64.1	63.2	63.7	64.1	64.4
77.5°	59.1	58.4	57.5	56.8	55.8	54.8	53.7	52.7	53.2	53.7	53.9
80°	47.2	46.7	46.0	45.5	44.6	43.6	42.7	41.7	42.0	42.0	42.2
82.5°	34.1	34.3	34.3	34.6	33.9	32.9	32.2	31.2	31.2	31.2	31.0
85°	19.1	20.0	20.7	21.5	20.7	20.0	19.3	18.6	18.4	18.4	18.1
87.5°	0.7	1.2	1.9	2.4	2.1	1.9	1.4	1.2	1.4	1.7	1.7
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: P367008
 CATALOG NUMBER: MSA-SA1D-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: P367008
 CATALOG NUMBER: MSA-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2
2.5°	498.2	502.2	506.3	510.3	514.4	520.6	526.8	533.2	539.7	536.1	532.3
5°	521.5	523.9	526.5	528.9	531.3	538.2	544.9	553.2	561.4	560.4	559.2
7.5°	423.3	426.6	430.0	433.1	436.4	446.9	457.4	466.2	475.0	473.8	472.4
10°	330.5	337.4	344.6	351.5	358.4	367.0	375.4	382.7	390.1	402.5	414.7
12.5°	296.9	307.6	318.4	329.1	339.8	346.0	352.0	361.5	371.1	377.7	384.7
15°	269.5	279.5	289.5	299.5	309.5	310.0	310.5	320.5	330.5	336.2	341.7
17.5°	244.4	249.9	255.4	260.6	266.1	264.2	262.3	267.1	271.6	274.0	276.6
20°	215.8	219.6	223.4	227.3	231.1	233.7	236.1	238.9	241.6	239.2	236.6
22.5°	199.1	204.8	210.8	216.5	222.3	223.9	225.4	223.7	222.0	221.3	220.6
25°	185.5	192.4	199.6	206.5	213.4	216.8	220.1	221.5	222.7	220.1	217.5
27.5°	175.0	183.4	191.5	199.8	207.9	213.9	219.9	221.5	223.0	221.1	218.9
30°	167.4	176.5	185.5	194.6	203.7	212.7	221.5	229.4	237.0	236.3	235.6
32.5°	166.2	172.4	178.6	184.8	191.0	196.7	202.2	202.7	202.9	201.0	198.9
35°	161.2	165.3	169.3	173.4	177.4	181.0	184.3	183.9	183.4	181.5	179.6
37.5°	156.7	160.7	165.0	169.1	173.1	179.3	185.3	184.1	182.7	180.8	178.9
40°	156.0	160.5	165.0	169.3	173.8	179.6	185.3	184.1	182.9	180.5	178.1
42.5°	154.3	158.8	163.1	167.6	171.9	178.9	185.5	183.4	181.0	179.1	177.2
45°	150.0	154.1	158.1	162.2	166.2	173.6	181.0	178.4	175.8	175.0	174.1
47.5°	144.3	148.3	152.4	156.4	160.5	167.9	175.0	172.9	170.5	170.3	169.8
50°	138.1	141.9	145.9	149.8	153.6	161.0	168.1	166.2	164.3	164.5	164.5
52.5°	132.4	135.9	139.3	142.8	146.2	153.6	160.7	159.3	157.6	158.1	158.3
55°	126.9	129.7	132.6	135.5	138.3	145.5	152.6	150.5	148.3	149.0	149.8
57.5°	120.9	123.3	125.7	127.8	130.2	137.4	144.3	141.9	139.3	140.5	141.4
60°	114.2	116.4	118.5	120.4	122.6	129.0	135.2	133.1	130.7	132.4	133.8
62.5°	107.3	109.0	110.6	112.3	114.0	119.9	125.9	124.2	122.6	124.5	126.2
65°	100.2	101.3	102.8	104.0	105.2	110.9	116.4	115.2	114.0	115.7	117.3
67.5°	92.3	93.2	94.4	95.4	96.3	101.6	106.8	105.6	104.2	105.6	106.8
70°	83.7	84.7	85.4	86.3	87.0	91.8	96.6	94.9	93.0	94.4	95.6
72.5°	75.1	75.6	76.3	76.8	77.3	80.8	84.4	83.0	81.6	83.0	84.2
75°	64.9	65.3	65.8	66.3	66.8	69.9	72.7	71.1	69.2	70.6	72.0
77.5°	54.4	54.6	55.1	55.3	55.6	57.7	59.6	57.9	56.0	57.7	59.4
80°	42.2	42.4	42.7	42.7	42.9	43.6	44.4	43.2	41.7	43.9	46.0
82.5°	31.0	30.8	30.8	30.5	30.3	30.3	30.0	29.3	28.4	30.3	32.2
85°	17.9	17.6	17.2	16.9	16.5	15.7	15.0	14.8	14.5	16.2	17.9
87.5°	1.9	1.7	1.2	1.0	0.5	0.2	0.0	0.0	0.0	1.0	2.1
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: P367008
 CATALOG NUMBER: MSA-SA1D-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: P367008
 CATALOG NUMBER: MSA-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2
2.5°	528.7	524.9	521.3	517.7	514.1	510.6	517.2	523.9	530.6	537.3	543.2
5°	558.3	557.1	554.0	551.1	548.0	544.9	546.6	548.5	550.1	551.8	555.4
7.5°	471.2	469.8	476.5	482.9	489.6	496.0	497.7	499.1	500.8	502.2	501.3
10°	427.1	439.3	442.4	445.2	448.3	451.2	456.0	460.7	465.3	470.0	472.6
12.5°	391.3	398.0	409.0	420.2	431.2	442.1	449.3	456.4	463.6	470.7	485.5
15°	347.4	352.9	361.3	369.6	378.0	386.3	396.6	407.1	417.3	427.6	443.8
17.5°	279.0	281.4	287.6	293.8	299.8	306.0	319.8	333.4	347.2	360.8	379.4
20°	234.2	231.6	231.6	231.8	231.8	231.8	245.6	259.2	273.0	286.6	311.2
22.5°	219.6	218.9	216.3	213.4	210.8	207.9	215.1	222.5	229.6	236.8	256.8
25°	214.6	212.0	208.7	205.3	202.0	198.6	203.2	207.7	212.2	216.8	232.5
27.5°	217.0	214.9	216.5	218.0	219.6	221.1	222.5	223.9	225.4	226.8	232.3
30°	234.9	234.2	236.8	239.2	241.8	244.2	240.9	237.8	234.4	231.1	233.0
32.5°	197.0	194.8	193.9	192.9	192.0	191.0	190.8	190.5	190.1	189.8	194.1
35°	177.7	175.8	174.3	172.9	171.2	169.8	170.5	171.0	171.7	172.2	176.9
37.5°	176.9	175.0	173.4	171.7	169.8	168.1	168.8	169.8	170.5	171.2	174.8
40°	175.8	173.4	172.4	171.5	170.5	169.6	170.0	170.5	170.7	171.2	173.8
42.5°	175.0	173.1	172.7	172.2	171.7	171.2	171.7	172.2	172.4	172.9	176.0
45°	173.4	172.4	172.9	173.4	173.8	174.3	174.3	174.3	174.3	174.3	177.7
47.5°	169.6	169.1	170.5	171.9	173.4	174.8	177.2	179.6	181.7	184.1	184.8
50°	164.8	164.8	167.2	169.6	171.7	174.1	179.8	185.3	191.0	196.5	192.9
52.5°	158.8	159.1	162.6	166.0	169.6	172.9	178.1	183.4	188.4	193.6	188.4
55°	150.2	151.0	155.5	159.8	164.3	168.6	172.7	176.7	180.8	184.8	179.3
57.5°	142.6	143.6	148.3	152.9	157.6	162.2	164.5	167.2	169.6	171.9	168.4
60°	135.5	136.9	143.1	149.3	155.2	161.4	159.5	157.6	155.5	153.6	153.3
62.5°	128.1	129.7	135.5	141.2	146.7	152.4	149.5	146.7	143.6	140.7	141.9
65°	118.8	120.4	123.1	125.7	128.1	130.7	130.4	130.4	130.2	130.0	132.4
67.5°	108.3	109.5	111.1	112.6	114.2	115.7	116.6	117.8	118.8	119.7	122.6
70°	97.1	98.2	99.9	101.3	103.0	104.4	105.6	106.8	107.8	109.0	111.8
72.5°	85.6	86.8	88.5	90.1	91.6	93.2	94.2	95.1	95.9	96.8	99.2
75°	73.4	74.9	76.5	78.0	79.6	81.1	81.8	82.5	83.2	83.9	86.1
77.5°	61.0	62.7	64.4	66.1	67.7	69.4	69.6	69.9	70.1	70.3	72.3
80°	47.9	50.1	51.7	53.4	55.1	56.8	56.8	56.8	56.8	56.8	57.7
82.5°	34.1	36.0	37.9	39.6	41.5	43.2	43.2	42.9	42.9	42.7	42.7
85°	19.6	21.2	22.4	23.8	25.0	26.2	26.2	26.2	26.0	26.0	25.5
87.5°	3.1	4.1	4.5	5.2	5.7	6.2	6.0	6.0	5.7	5.5	4.8
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: P367008
 CATALOG NUMBER: MSA-SA1D-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: P367008

CATALOG NUMBER: MSA-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2
2.5°	549.2	555.2	561.1	560.2	559.2	558.3	557.3	560.9	564.2	567.8	571.1
5°	558.7	562.3	565.6	568.3	570.9	573.5	576.1	588.3	600.2	612.4	624.3
7.5°	500.3	499.1	498.2	509.4	520.8	532.0	543.2	558.7	574.2	589.7	605.2
10°	475.3	477.9	480.5	485.0	489.8	494.3	498.9	514.1	529.4	544.7	559.9
12.5°	500.1	514.9	529.4	533.0	536.8	540.4	543.9	547.0	550.1	553.0	556.1
15°	460.0	476.2	492.4	501.7	511.0	520.1	529.4	552.8	575.9	599.3	622.4
17.5°	397.8	416.4	434.7	457.6	480.5	503.4	526.3	547.8	569.2	590.4	611.9
20°	335.8	360.1	384.7	409.7	434.5	459.5	484.3	505.3	526.3	547.0	568.0
22.5°	276.6	296.7	316.4	347.0	377.3	407.8	438.1	477.2	516.0	555.2	594.0
25°	248.0	263.7	279.2	310.7	342.2	373.4	404.9	455.7	506.3	557.1	607.6
27.5°	238.0	243.5	249.0	277.6	306.0	334.6	363.0	417.8	472.6	527.3	582.1
30°	234.9	236.8	238.7	261.1	283.5	306.0	328.4	382.5	436.9	491.0	545.1
32.5°	198.2	202.5	206.5	228.5	250.2	272.1	293.8	348.4	402.8	457.4	511.8
35°	181.7	186.5	191.3	212.7	234.2	255.4	276.9	334.3	392.0	449.5	507.0
37.5°	178.4	182.0	185.5	209.9	234.2	258.5	282.8	341.0	399.2	457.4	515.6
40°	176.7	179.3	182.0	205.6	229.4	253.0	276.6	337.7	398.5	459.5	520.3
42.5°	178.9	182.0	184.8	206.3	227.5	249.0	270.2	333.4	396.3	459.5	522.5
45°	180.8	184.1	187.2	207.2	227.3	247.3	267.3	334.8	402.1	469.5	536.8
47.5°	185.3	186.0	186.5	203.9	221.1	238.5	255.6	324.3	393.0	461.4	530.1
50°	189.1	185.5	181.7	199.8	217.7	235.8	253.7	318.8	383.9	448.8	513.9
52.5°	183.1	177.7	172.4	192.0	211.5	230.8	250.4	315.5	380.8	445.9	511.0
55°	174.1	168.6	163.1	182.9	202.7	222.5	242.3	307.1	372.3	437.1	502.0
57.5°	165.0	161.4	157.9	174.1	190.5	206.8	223.0	293.3	363.4	433.8	503.9
60°	153.1	152.6	152.4	165.0	177.9	190.5	203.2	272.1	340.8	409.7	478.4
62.5°	142.8	144.0	145.0	155.2	165.5	175.5	185.8	252.3	319.1	385.6	452.1
65°	135.0	137.4	139.7	151.4	163.1	174.6	186.2	242.0	297.8	353.6	409.5
67.5°	125.4	128.3	131.2	146.4	161.7	176.9	192.2	238.2	284.3	330.3	376.3
70°	114.5	117.3	119.9	139.5	158.8	178.4	197.7	238.5	279.5	320.3	361.0
72.5°	101.6	104.0	106.4	127.3	148.3	169.3	190.3	224.9	259.5	293.8	328.4
75°	88.5	90.6	92.8	110.9	129.0	147.1	165.3	192.0	218.4	245.1	271.6
77.5°	73.9	75.8	77.5	89.7	101.8	114.0	126.2	146.7	166.9	187.4	207.7
80°	58.7	59.6	60.6	67.7	74.6	81.8	88.7	102.3	115.9	129.3	142.8
82.5°	42.9	42.9	42.9	47.5	52.2	56.8	61.3	68.2	74.9	81.8	88.5
85°	25.0	24.3	23.8	26.9	30.0	33.1	36.2	39.1	42.0	44.8	47.7
87.5°	4.1	3.1	2.4	4.3	6.2	8.1	10.0	11.0	12.2	13.1	14.1
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: P367008
 CATALOG NUMBER: MSA-SA1D-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: P367008

CATALOG NUMBER: MSA-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2
2.5°	563.0	555.2	547.0	538.9	550.9	562.8	574.7	586.6	618.4	637.2	638.4
5°	634.3	644.3	654.4	664.4	674.4	684.4	694.2	704.2	755.7	787.4	793.4
7.5°	621.7	638.4	654.8	671.3	699.7	728.0	756.4	784.8	828.4	859.9	880.7
10°	580.4	600.9	621.5	642.0	675.6	709.4	743.1	776.7	823.0	864.5	884.2
12.5°	588.8	621.5	653.9	686.6	715.6	745.0	774.1	803.2	835.1	850.9	886.9
15°	645.1	667.7	690.4	713.0	756.9	800.5	844.4	888.1	906.2	942.2	974.6
17.5°	653.6	695.1	736.9	778.4	832.0	885.7	939.3	993.0	1026.6	1073.1	1112.2
20°	626.9	685.6	744.5	803.2	872.3	941.7	1010.9	1080.0	1122.7	1161.8	1222.4
22.5°	658.9	723.8	788.4	853.2	945.1	1036.6	1128.4	1220.0	1309.2	1396.5	1437.5
25°	694.2	781.0	867.6	954.1	1068.8	1183.3	1298.0	1412.5	1527.2	1609.0	1656.2
27.5°	669.4	756.4	843.7	930.7	1072.6	1214.8	1356.7	1498.5	1621.4	1719.8	1760.4
30°	652.0	758.8	865.6	972.5	1138.9	1305.4	1471.8	1638.3	1751.8	1861.7	1921.3
32.5°	648.9	786.0	922.9	1060.0	1253.9	1447.5	1641.4	1835.0	1910.4	2007.9	2088.3
35°	657.5	808.2	958.6	1109.1	1331.4	1553.6	1775.6	1997.9	2105.0	2201.5	2271.9
37.5°	683.7	851.8	1019.7	1187.8	1455.6	1723.7	1991.5	2259.3	2438.8	2615.5	2647.0
40°	698.5	876.9	1055.0	1233.1	1544.6	1856.0	2167.4	2478.9	2685.4	2879.3	2892.4
42.5°	715.9	909.3	1102.4	1295.8	1641.1	1986.7	2332.0	2677.3	2932.9	3141.4	3147.6
45°	735.9	934.8	1133.9	1332.8	1693.4	2053.7	2414.3	2774.6	3083.6	3336.9	3275.1
47.5°	743.8	957.7	1171.4	1385.0	1769.4	2153.6	2538.0	2922.2	3199.5	3429.9	3370.8
50°	746.9	980.1	1213.1	1446.1	1844.3	2242.8	2641.0	3039.3	3321.4	3546.0	3455.4
52.5°	766.2	1021.4	1276.5	1531.7	1946.6	2361.6	2776.5	3191.4	3469.0	3684.8	3572.3
55°	792.2	1082.4	1372.4	1662.6	2092.1	2521.3	2950.8	3380.1	3658.6	3859.4	3719.9
57.5°	816.3	1128.9	1441.3	1753.7	2198.7	2643.9	3088.9	3533.9	3816.0	4014.6	3879.4
60°	804.6	1130.8	1457.0	1783.3	2220.6	2657.7	3095.1	3532.2	3852.5	4090.7	4021.5
62.5°	769.3	1086.5	1403.4	1720.6	2135.7	2550.7	2965.8	3380.8	3755.7	4061.1	4058.0
65°	701.3	993.2	1284.9	1576.8	1960.9	2345.3	2729.5	3113.7	3555.6	3926.6	3950.7
67.5°	618.6	860.9	1103.2	1345.4	1707.2	2069.0	2430.7	2792.5	3264.9	3674.3	3695.1
70°	538.5	716.1	893.5	1071.0	1388.6	1706.2	2023.6	2341.3	2818.5	3232.7	3251.8
72.5°	444.5	560.6	676.5	792.7	1050.0	1307.3	1564.4	1821.7	2240.7	2559.3	2666.8
75°	340.5	409.5	478.4	547.3	755.5	963.7	1171.6	1379.8	1658.3	1893.4	2014.6
77.5°	243.5	279.2	315.0	350.8	527.7	704.7	881.4	1058.3	1204.7	1338.1	1419.8
80°	159.8	176.5	193.4	210.1	357.2	504.4	651.3	798.4	887.6	959.1	1000.4
82.5°	96.8	105.2	113.3	121.6	240.9	360.1	479.1	598.3	649.4	683.5	720.2
85°	52.2	56.8	61.3	65.8	142.4	218.7	295.2	371.5	376.5	380.6	435.2
87.5°	15.3	16.7	17.9	19.1	31.5	44.1	56.5	68.9	42.9	26.7	54.8
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: P367008
 CATALOG NUMBER: MSA-SA1D-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: P367008

CATALOG NUMBER: MSA-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2
2.5°	631.5	628.4	625.3	621.9	618.8	605.7	592.8	579.7	566.6	579.2	591.6
5°	786.5	796.0	805.3	814.8	824.4	825.1	825.6	826.3	826.8	829.2	831.5
7.5°	898.1	915.0	931.7	948.6	965.6	978.7	991.8	1005.1	1018.3	1006.3	994.4
10°	907.6	943.4	979.2	1014.9	1050.7	1057.1	1063.3	1069.8	1076.2	1084.8	1093.1
12.5°	917.2	960.8	1004.2	1047.8	1091.5	1110.6	1129.4	1148.5	1167.3	1176.6	1185.7
15°	1018.0	1043.8	1069.3	1095.1	1120.6	1133.7	1146.6	1159.7	1172.8	1180.7	1188.3
17.5°	1147.8	1157.3	1166.6	1176.1	1185.7	1194.5	1203.3	1212.1	1221.0	1222.4	1223.8
20°	1266.0	1267.9	1269.6	1271.5	1273.2	1254.6	1236.2	1217.6	1199.0	1202.4	1205.5
22.5°	1443.5	1433.0	1422.7	1412.2	1402.0	1366.9	1332.1	1297.0	1262.2	1247.2	1232.4
25°	1710.5	1683.8	1657.1	1630.4	1603.7	1547.9	1492.3	1436.5	1381.0	1348.3	1315.9
27.5°	1796.6	1738.4	1680.5	1622.3	1564.1	1521.9	1479.9	1437.7	1395.8	1344.0	1292.3
30°	1970.7	1878.9	1787.3	1695.5	1603.7	1562.9	1522.1	1481.1	1440.4	1387.4	1334.7
32.5°	2125.0	2029.6	1934.2	1838.6	1743.2	1665.9	1588.7	1511.4	1434.2	1398.4	1362.6
35°	2303.6	2183.7	2063.7	1943.8	1823.8	1757.5	1691.5	1625.2	1559.1	1505.0	1451.1
37.5°	2563.8	2436.2	2308.6	2180.8	2053.2	1963.6	1874.1	1784.5	1695.0	1665.2	1635.7
40°	2811.8	2661.1	2510.6	2359.9	2209.4	2140.7	2072.1	2003.1	1934.5	1884.1	1833.8
42.5°	3019.5	2870.5	2721.6	2572.6	2423.8	2373.7	2323.9	2273.8	2224.0	2182.5	2141.0
45°	3090.8	2969.2	2847.8	2726.2	2604.6	2586.9	2569.5	2551.9	2534.4	2503.7	2472.9
47.5°	3205.5	3081.5	2957.7	2833.7	2709.7	2716.2	2722.6	2729.3	2735.7	2737.4	2738.8
50°	3273.0	3155.2	3037.6	2919.8	2802.3	2833.5	2864.5	2895.7	2927.0	2997.8	3068.4
52.5°	3371.5	3255.8	3140.4	3024.7	2909.1	2962.0	3014.7	3067.7	3120.4	3219.6	3318.8
55°	3495.0	3384.4	3273.9	3163.3	3052.9	3104.4	3155.7	3207.2	3258.4	3368.9	3479.3
57.5°	3658.8	3540.3	3422.0	3303.5	3185.2	3232.7	3279.9	3327.4	3374.6	3479.5	3584.4
60°	3845.3	3716.5	3587.8	3458.8	3330.0	3343.1	3356.0	3369.1	3382.0	3495.7	3609.2
62.5°	3936.9	3817.7	3698.7	3579.4	3460.2	3423.7	3387.2	3350.5	3314.0	3415.8	3517.4
65°	3857.5	3775.4	3693.6	3611.6	3529.6	3465.2	3401.0	3336.7	3272.3	3335.9	3399.4
67.5°	3604.7	3558.2	3511.9	3465.4	3418.9	3310.9	3202.9	3094.6	2986.6	2990.9	2994.9
70°	3195.0	3182.6	3170.4	3158.0	3145.6	2983.2	2821.1	2658.7	2496.3	2471.5	2446.7
72.5°	2675.9	2684.0	2691.8	2699.9	2708.1	2533.5	2358.9	2184.4	2009.8	1968.6	1927.3
75°	2072.5	2117.4	2162.2	2207.3	2252.1	2085.2	1918.2	1751.1	1584.2	1533.4	1482.6
77.5°	1464.4	1548.1	1631.6	1715.3	1799.0	1648.1	1497.3	1346.4	1195.4	1162.5	1129.6
80°	1021.1	1062.1	1103.2	1144.2	1185.2	1109.4	1033.5	957.7	881.9	890.9	899.7
82.5°	743.8	753.3	762.6	772.2	781.7	750.7	719.7	688.5	657.5	681.1	704.7
85°	476.5	510.6	544.4	578.5	612.4	578.0	543.7	509.1	474.8	490.5	506.3
87.5°	106.6	168.6	230.6	292.8	354.8	321.5	288.3	254.9	221.5	206.5	191.7
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: P367008
 CATALOG NUMBER: MSA-SA1D-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: P367008

CATALOG NUMBER: MSA-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2
2.5°	604.3	616.9	613.1	609.5	605.7	601.9	608.8	615.7	622.9	629.8	627.4
5°	834.2	836.5	813.9	791.5	768.8	746.2	760.2	774.3	788.4	802.4	797.4
7.5°	982.5	970.6	957.5	944.3	931.0	917.9	915.0	912.1	909.0	906.2	902.4
10°	1101.7	1110.1	1101.5	1093.1	1084.6	1076.0	1055.9	1035.9	1015.6	995.6	987.3
12.5°	1195.0	1204.3	1206.4	1208.3	1210.5	1212.6	1190.2	1168.0	1145.6	1123.2	1102.9
15°	1196.2	1204.0	1210.9	1217.6	1224.5	1231.2	1217.4	1203.8	1190.0	1176.1	1169.7
17.5°	1225.5	1226.9	1221.2	1215.7	1210.0	1204.5	1199.0	1193.8	1188.3	1183.0	1172.8
20°	1208.8	1212.1	1211.4	1210.7	1209.8	1209.0	1209.5	1209.8	1210.2	1210.5	1204.7
22.5°	1217.4	1202.4	1205.5	1208.3	1211.4	1214.3	1222.9	1231.5	1240.3	1248.9	1271.8
25°	1283.2	1250.5	1245.5	1240.8	1235.7	1231.0	1253.4	1275.6	1298.0	1320.4	1357.6
27.5°	1240.3	1188.5	1177.1	1165.6	1154.2	1142.7	1176.8	1210.7	1244.8	1278.9	1316.8
30°	1281.8	1229.1	1203.8	1178.5	1153.0	1127.7	1160.4	1192.8	1225.5	1257.9	1299.9
32.5°	1326.8	1291.1	1274.1	1257.4	1240.5	1223.8	1226.4	1229.1	1231.7	1234.3	1293.5
35°	1397.0	1342.8	1326.1	1309.4	1292.7	1276.0	1303.9	1331.6	1359.5	1387.2	1437.3
37.5°	1605.9	1576.0	1546.0	1515.9	1485.7	1455.6	1472.1	1488.5	1505.0	1521.4	1568.6
40°	1783.5	1733.2	1728.2	1723.4	1718.4	1713.4	1714.8	1716.0	1717.5	1718.9	1759.2
42.5°	2099.2	2057.8	2032.2	2006.7	1981.2	1955.7	1954.0	1952.3	1950.4	1948.8	1979.1
45°	2441.9	2411.2	2392.1	2373.0	2353.7	2334.6	2304.3	2274.0	2243.5	2213.2	2239.7
47.5°	2740.5	2742.2	2776.7	2811.1	2845.7	2880.2	2828.5	2776.7	2725.0	2673.2	2639.1
50°	3139.2	3209.8	3218.1	3226.2	3234.6	3242.9	3155.2	3067.7	2979.9	2892.2	2856.4
52.5°	3418.2	3517.4	3504.5	3491.9	3479.0	3466.1	3415.4	3364.8	3314.0	3263.2	3185.2
55°	3589.9	3700.3	3690.5	3681.0	3671.2	3661.5	3624.5	3587.5	3550.6	3513.6	3428.0
57.5°	3689.4	3794.3	3797.1	3800.0	3802.9	3805.7	3796.0	3786.2	3776.4	3766.6	3655.3
60°	3723.0	3836.7	3837.9	3838.9	3840.1	3841.0	3825.5	3810.0	3794.3	3778.8	3706.0
62.5°	3619.2	3720.8	3725.4	3729.7	3734.2	3738.7	3728.0	3717.3	3706.5	3695.8	3641.9
65°	3463.0	3526.7	3527.9	3528.9	3530.1	3531.3	3504.1	3477.1	3449.9	3422.7	3409.9
67.5°	2999.2	3003.5	3028.8	3054.1	3079.4	3104.6	3106.8	3108.9	3111.3	3113.5	3094.9
70°	2421.9	2397.1	2424.5	2451.9	2479.4	2506.8	2518.5	2530.2	2542.1	2553.8	2562.4
72.5°	1885.8	1844.6	1864.8	1885.1	1905.6	1925.9	1908.5	1891.1	1873.7	1856.2	1911.3
75°	1431.8	1381.0	1378.4	1376.0	1373.3	1371.0	1362.1	1353.3	1344.3	1335.4	1386.9
77.5°	1096.5	1063.6	1065.2	1066.7	1068.3	1069.8	1060.7	1051.9	1042.8	1033.8	1053.6
80°	908.8	917.6	917.9	918.1	918.3	918.6	910.0	901.7	893.1	884.5	870.2
82.5°	728.5	752.1	751.9	751.9	751.7	751.4	750.9	750.5	749.7	749.3	725.9
85°	522.0	537.7	521.5	505.3	489.1	472.9	484.8	496.7	508.9	520.8	511.0
87.5°	176.7	161.9	142.6	123.5	104.2	84.9	105.6	126.4	147.4	168.1	180.0
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: P367008
 CATALOG NUMBER: MSA-SA1D-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: P367008

CATALOG NUMBER: MSA-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2	518.2
2.5°	625.3	622.9	620.7	605.7	590.4	575.4	560.2	587.8	615.7	643.4	671.1
5°	792.7	787.7	782.9	781.7	780.5	779.1	777.9	792.0	806.0	819.9	833.9
7.5°	898.6	894.7	890.9	880.9	871.1	861.1	851.1	859.7	868.0	876.6	885.0
10°	979.2	970.8	962.5	940.8	919.3	897.6	875.9	869.5	863.0	856.6	850.1
12.5°	1082.6	1062.1	1041.9	1017.3	992.5	967.9	943.1	939.8	936.5	933.4	930.0
15°	1163.5	1157.1	1150.6	1131.1	1111.5	1092.0	1072.4	1046.2	1019.7	993.5	967.2
17.5°	1162.8	1152.5	1142.5	1168.7	1194.7	1221.0	1247.0	1219.1	1190.9	1163.0	1135.1
20°	1199.0	1193.1	1187.3	1235.7	1283.9	1332.3	1380.5	1365.2	1349.7	1334.5	1319.0
22.5°	1294.4	1317.3	1340.0	1381.5	1422.7	1464.2	1505.5	1522.9	1540.3	1557.7	1575.1
25°	1394.6	1431.8	1469.0	1530.7	1592.3	1654.0	1715.8	1728.2	1740.6	1753.0	1765.4
27.5°	1354.5	1392.4	1430.3	1477.1	1523.6	1570.3	1616.8	1671.2	1725.8	1780.2	1834.5
30°	1341.6	1383.6	1425.3	1489.5	1553.4	1617.5	1681.7	1756.6	1831.4	1906.1	1981.0
32.5°	1352.4	1411.5	1470.6	1557.4	1644.0	1730.8	1817.6	1896.3	1975.2	2053.9	2132.6
35°	1487.1	1537.2	1587.0	1684.1	1781.1	1878.2	1975.2	2067.5	2159.8	2251.9	2344.2
37.5°	1615.6	1662.8	1710.1	1809.3	1908.2	2007.4	2106.6	2252.3	2398.3	2544.0	2689.7
40°	1799.2	1839.6	1879.6	1964.5	2049.4	2134.3	2219.2	2394.9	2570.7	2746.4	2922.2
42.5°	2009.1	2039.4	2069.4	2157.4	2245.4	2333.4	2421.4	2612.7	2804.2	2995.4	3186.7
45°	2265.9	2292.4	2318.9	2379.4	2440.0	2500.8	2561.4	2758.6	2955.8	3153.0	3350.3
47.5°	2605.0	2570.9	2536.8	2566.6	2596.5	2626.3	2656.1	2851.1	3046.2	3241.0	3436.1
50°	2820.6	2784.8	2749.1	2751.7	2754.1	2756.7	2759.3	2941.3	3123.2	3304.9	3486.9
52.5°	3107.3	3029.0	2951.1	2950.3	2949.6	2948.7	2948.0	3106.5	3265.4	3423.9	3582.5
55°	3342.4	3256.8	3171.2	3154.5	3137.8	3120.8	3104.2	3261.1	3417.7	3574.7	3731.3
57.5°	3543.9	3432.3	3320.9	3294.7	3268.5	3242.2	3216.0	3385.1	3554.4	3723.5	3892.5
60°	3633.6	3560.8	3488.3	3456.1	3423.9	3391.7	3359.6	3503.6	3647.6	3791.4	3935.5
62.5°	3588.2	3534.4	3480.7	3488.1	3495.5	3502.9	3510.3	3592.5	3675.0	3757.3	3839.6
65°	3397.2	3384.4	3371.7	3431.3	3490.9	3550.6	3610.2	3611.4	3612.6	3613.8	3615.0
67.5°	3076.3	3057.7	3039.1	3163.1	3286.8	3410.8	3534.8	3475.9	3417.0	3358.4	3299.5
70°	2570.7	2579.3	2587.6	2756.5	2925.1	3093.9	3262.7	3177.4	3091.8	3006.4	2920.8
72.5°	1966.4	2021.7	2076.8	2251.9	2426.9	2601.9	2777.0	2679.4	2581.7	2484.1	2386.4
75°	1438.4	1490.0	1541.5	1714.4	1887.2	2060.4	2233.3	2117.4	2001.5	1885.8	1769.9
77.5°	1073.3	1093.4	1113.2	1257.0	1400.5	1544.3	1687.9	1571.5	1455.1	1339.0	1222.6
80°	856.1	841.8	827.7	907.4	987.0	1066.7	1146.3	1063.8	981.1	898.6	816.0
82.5°	702.8	679.4	656.3	685.8	715.4	745.2	774.8	708.7	642.7	576.6	510.6
85°	501.3	491.5	481.7	490.3	498.6	507.2	515.8	451.4	387.0	322.9	258.5
87.5°	191.7	203.7	215.6	229.2	242.5	256.1	269.5	211.0	152.6	94.4	36.0
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: P367008
 CATALOG NUMBER: MSA-SA1D-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: P367008
 CATALOG NUMBER: MSA-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	518.2	518.2
2.5°	682.5	693.9
5°	833.7	833.4
7.5°	881.1	877.1
10°	839.6	829.2
12.5°	899.0	867.8
15°	936.2	905.0
17.5°	1088.1	1040.9
20°	1262.9	1206.7
22.5°	1489.5	1403.9
25°	1663.1	1560.5
27.5°	1773.7	1712.7
30°	1911.1	1841.2
32.5°	2081.1	2029.4
35°	2296.9	2249.5
37.5°	2674.9	2659.9
40°	2904.3	2886.2
42.5°	3187.4	3187.9
45°	3361.0	3371.7
47.5°	3463.3	3490.2
50°	3544.8	3602.6
52.5°	3661.5	3740.4
55°	3836.3	3940.9
57.5°	3981.7	4070.9
60°	3981.7	4027.7
62.5°	3838.4	3837.0
65°	3592.8	3570.4
67.5°	3271.3	3243.2
70°	2876.9	2832.8
72.5°	2331.8	2276.9
75°	1694.8	1619.4
77.5°	1186.9	1150.9
80°	833.4	850.9
82.5°	535.4	560.2
85°	254.7	250.9
87.5°	30.0	24.1
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: P367008
CATALOG NUMBER: MSA-SA1D-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)