

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: P367183

Luminaire Tested: **MSA-SA2A-740-U-SLR-HSS**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367183
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA2A-740-U-SLR-HSS
Description: MESA POST TOP DECORATIVE LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5798 lumens
Efficiency: N/A
Efficacy: 87.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

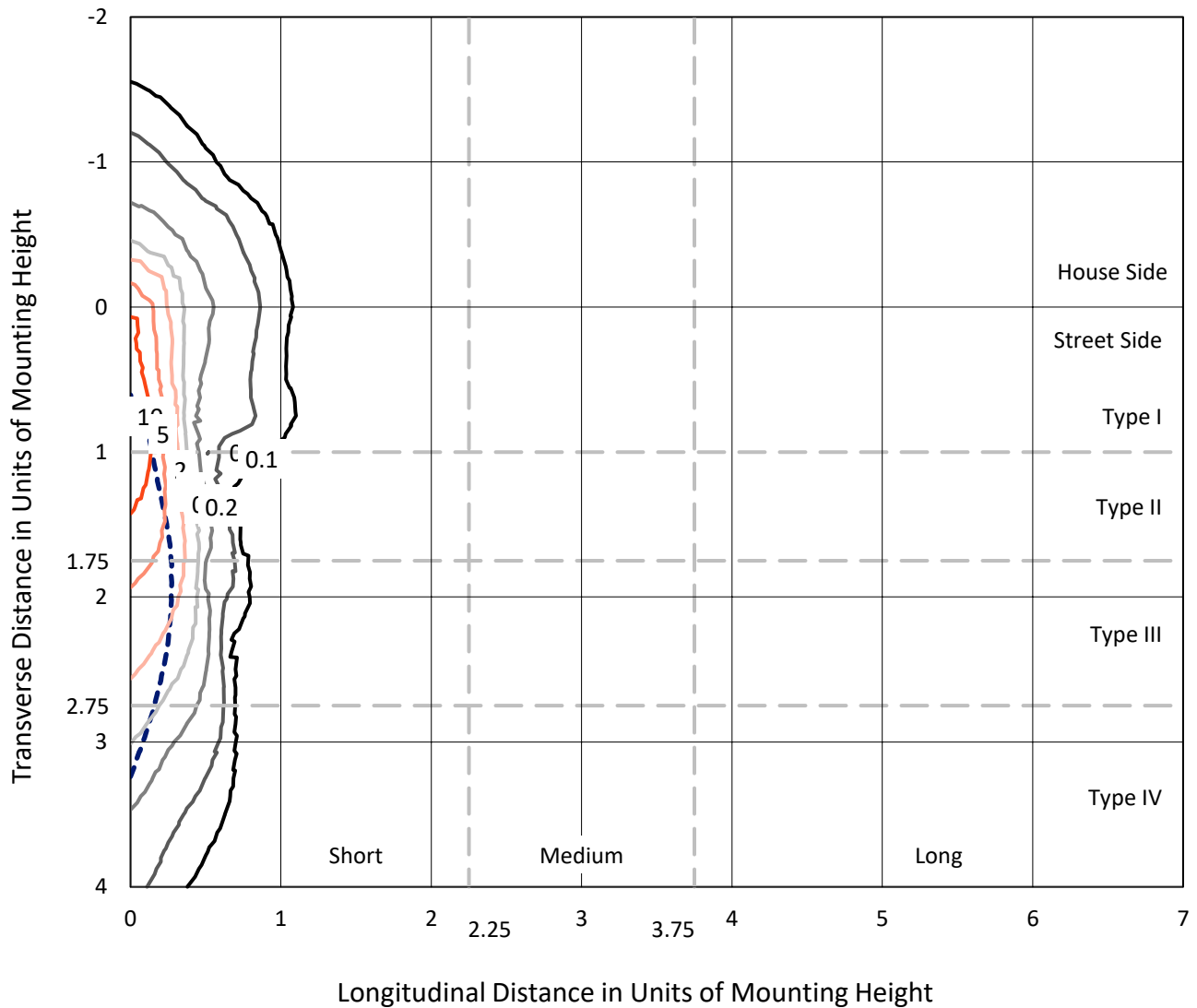
Input Watts (W): 66
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

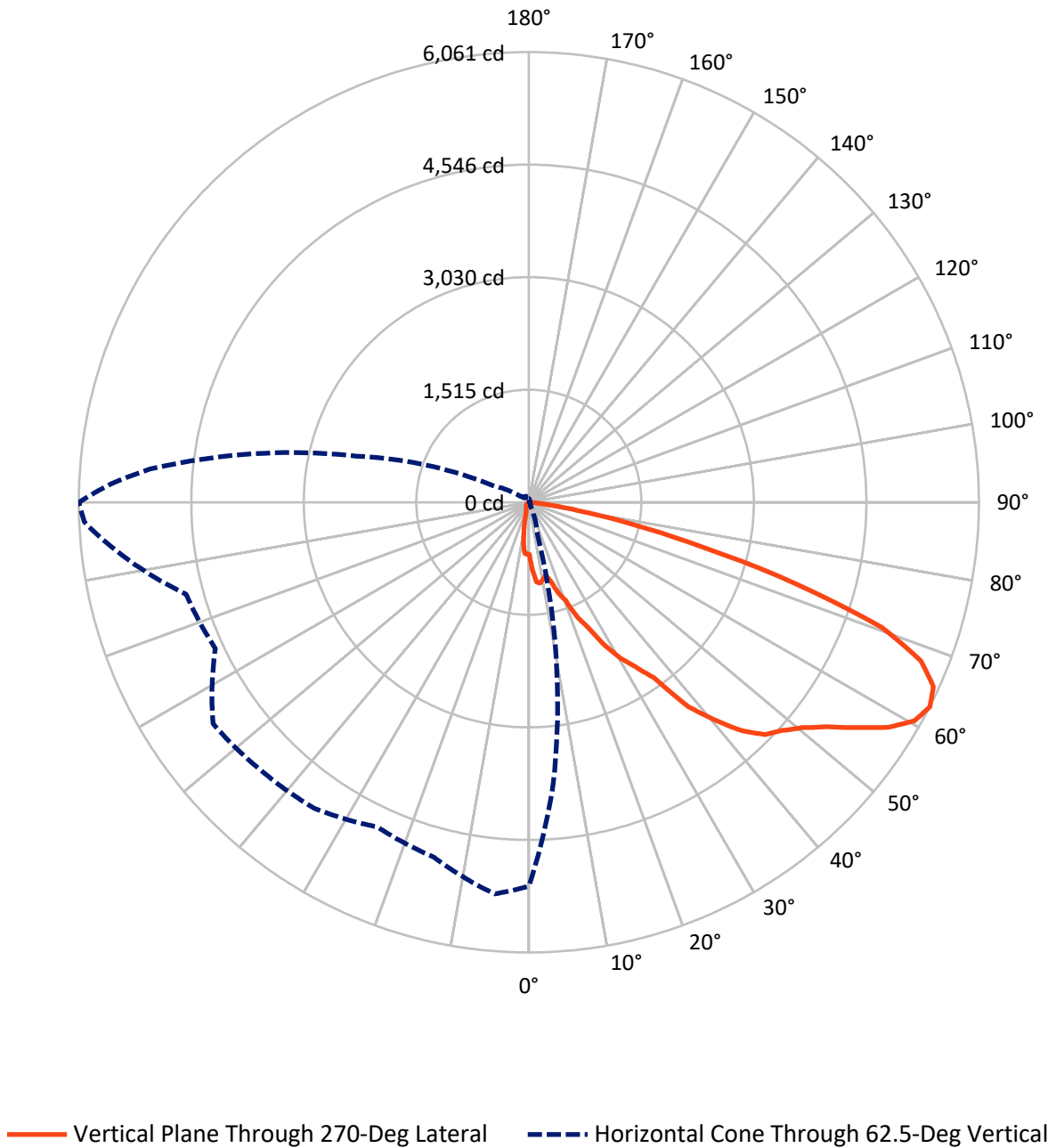
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 18.6 fc
 Type IV - Short - N/A

REPORT NUMBER: P367183
CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

Luminous Intensity Polar Plot



REPORT NUMBER: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

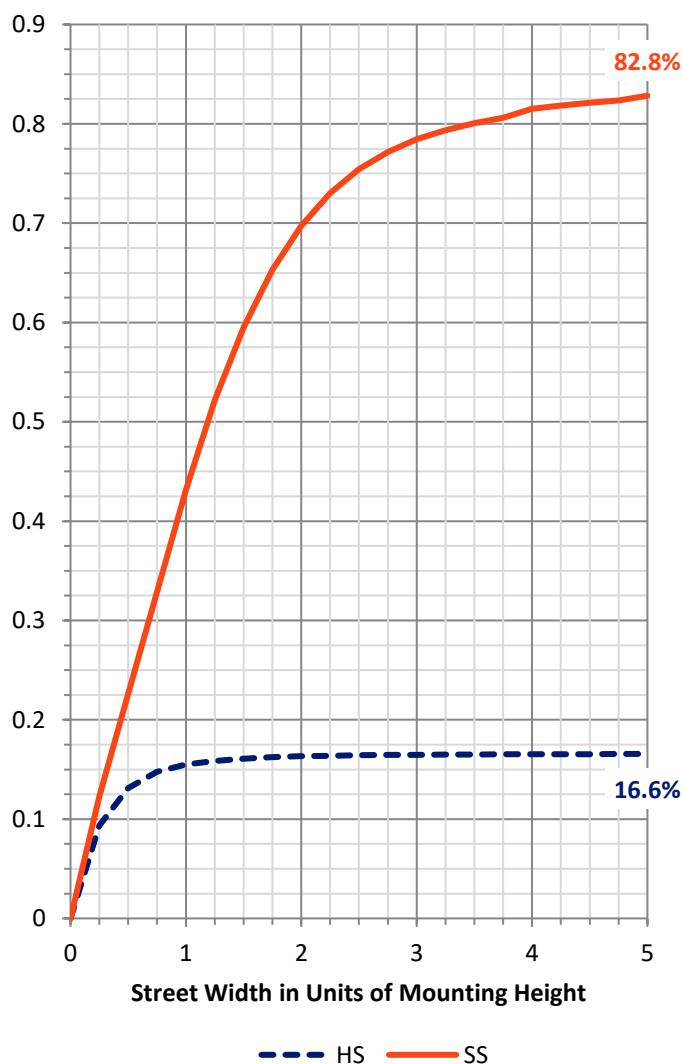
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	968.2	0.0	968.2
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	4829.8	0.0	4829.8
	% Fixture	83.3	0.0	83.3
Total	Lumens	5798.0	0.0	5798.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.1	1.3
10°-20°	203.9	3.5
20°-30°	329.6	5.7
30°-40°	552.0	9.5
40°-50°	902.4	15.6
50°-60°	1335.9	23.0
60°-70°	1533.6	26.5
70°-80°	758.3	13.1
80°-90°	104.2	1.8
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°	5798.0	100.0
0°-180°	5798.0	100.0

Coefficient of Utilization

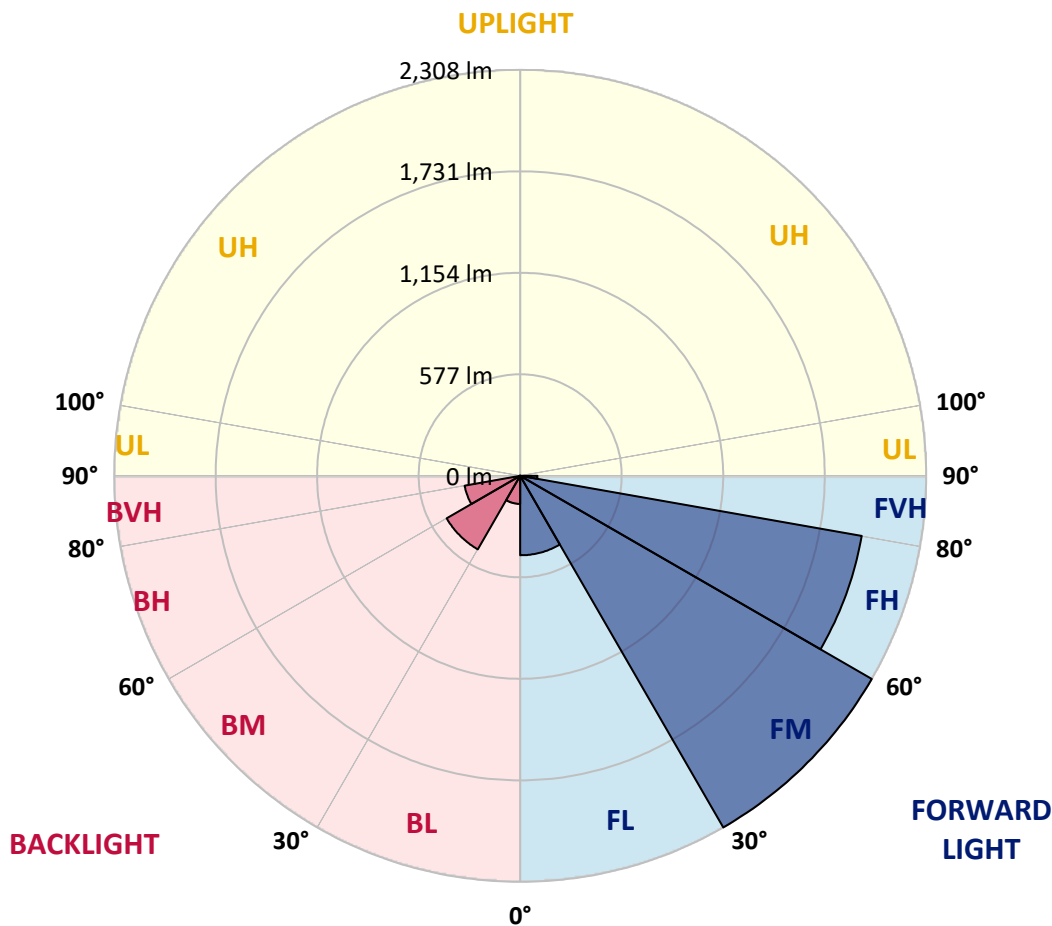


REPORT NUMBER: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	451.7	7.8			
FM (30°-60°)	2307.9	39.8			
FH (60°-80°)	1971.6	34.0			G2/5000
FVH (80°-90°)	98.6	1.7			G1/100
BL (0°-30°)	159.9	2.8	B1/500		
BM (30°-60°)	482.4	8.3	B1/1000		
BH (60°-80°)	320.3	5.5	B1/500		G1/500
BVH (80°-90°)	5.5	0.1			G0/10
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: P367183

CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	926.4	938.0	949.2	927.7	906.2	884.8	863.3	844.1	824.9	805.4	786.3
5°	1192.1	1171.0	1149.8	1120.7	1091.7	1062.6	1033.5	1019.9	1006.4	992.8	979.3
7.5°	1284.7	1247.0	1209.0	1183.2	1157.8	1132.0	1106.2	1065.5	1024.6	983.9	942.9
10°	1212.0	1172.0	1131.6	1109.2	1086.7	1064.2	1041.7	991.2	940.3	889.7	838.8
12.5°	1245.3	1202.0	1158.7	1112.5	1066.2	1019.9	973.7	935.0	896.0	857.3	818.3
15°	1268.5	1218.9	1169.0	1116.1	1063.2	1010.4	957.5	911.9	866.6	821.0	775.4
17.5°	1404.3	1333.3	1262.2	1180.9	1099.6	1018.3	937.0	884.1	831.5	778.7	725.8
20°	1578.8	1478.0	1376.9	1266.8	1156.8	1046.7	936.6	870.9	805.1	739.3	673.6
22.5°	1781.7	1655.8	1529.6	1393.7	1258.2	1122.4	986.6	892.0	797.5	703.0	608.5
25°	1986.0	1872.3	1758.6	1575.8	1393.1	1210.0	1027.2	907.2	786.9	667.0	546.7
27.5°	2354.8	2151.6	1948.3	1715.6	1483.3	1250.6	1018.0	880.5	743.0	605.2	467.7
30°	2596.1	2439.8	2283.1	1975.8	1668.7	1361.3	1054.0	879.8	705.6	531.1	356.9
32.5°	2884.6	2655.9	2426.9	2093.4	1759.9	1426.5	1093.0	888.4	683.5	478.9	274.0
35°	3208.9	2960.0	2711.1	2288.7	1866.4	1443.6	1021.3	823.0	624.7	426.4	228.0
37.5°	3781.6	3365.2	2948.8	2456.3	1963.5	1471.1	978.3	780.3	582.0	384.0	185.7
40°	4106.8	3709.3	3311.7	2696.3	2080.9	1465.5	850.1	674.2	498.7	322.9	147.1
42.5°	4529.9	4025.5	3520.9	2833.1	2145.3	1457.5	769.7	607.1	444.5	281.6	119.0
45°	4780.7	4209.3	3637.9	2892.6	2147.3	1402.0	656.7	515.9	375.1	234.3	93.5
47.5°	4939.1	4366.0	3792.9	2992.7	2192.9	1392.7	592.6	463.0	333.5	203.9	74.4
50°	5019.4	4444.6	3869.5	3047.2	2225.0	1402.3	580.0	451.1	321.9	193.0	63.8
52.5°	5103.0	4548.7	3994.1	3141.8	2289.4	1437.0	584.7	453.1	321.9	190.4	58.8
55°	5271.9	4725.2	4178.2	3277.3	2376.3	1475.4	574.4	444.9	315.3	185.4	55.9
57.5°	5479.4	4895.1	4310.4	3376.4	2442.4	1508.4	574.4	444.2	314.0	183.4	53.2
60°	5440.1	4805.9	4171.3	3265.1	2358.8	1452.2	546.0	422.1	298.4	174.5	50.6
62.5°	5170.1	4481.6	3792.9	2955.4	2117.5	1280.0	442.2	343.4	244.6	145.4	46.6
65°	4852.8	4122.1	3391.0	2620.2	1849.2	1078.4	307.4	241.3	174.8	108.7	42.3
67.5°	4470.7	3691.4	2912.1	2226.6	1541.5	856.0	170.5	137.5	104.4	71.1	38.0
70°	3807.7	3003.3	2198.5	1671.7	1145.2	618.4	91.5	77.3	63.1	48.9	34.7
72.5°	2858.5	2121.5	1384.5	1051.7	719.2	386.4	53.5	48.3	42.6	37.3	31.7
75°	1945.0	1392.7	840.5	639.9	439.6	239.0	38.3	35.7	32.7	30.1	27.1
77.5°	1322.3	956.5	590.6	450.8	311.0	171.2	31.4	29.7	28.1	26.1	24.5
80°	825.6	565.2	304.7	234.7	164.3	94.2	23.8	22.8	21.8	20.5	19.5
82.5°	577.4	345.4	113.4	88.6	63.8	38.7	13.9	14.2	14.5	14.5	14.9
85°	242.3	130.9	19.5	16.5	13.6	10.6	7.6	8.3	9.3	9.9	10.6
87.5°	4.3	2.3	0.0	0.7	1.7	2.3	3.0	4.0	4.6	5.6	6.3
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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	791.2	796.2	800.8	805.8	801.8	798.2	794.2	790.2	784.3	778.7	772.7
5°	962.8	946.2	929.7	913.2	888.1	862.9	837.5	812.4	809.4	806.4	803.1
7.5°	904.3	865.6	826.6	787.9	751.6	715.2	678.9	642.5	631.3	620.4	609.1
10°	809.1	779.3	749.3	719.5	693.4	667.0	640.8	614.4	587.0	559.5	531.8
12.5°	787.3	756.2	724.8	693.7	669.9	646.1	622.3	598.5	567.8	537.1	506.3
15°	741.7	707.9	674.2	640.5	608.8	577.1	545.0	513.3	476.3	439.2	402.2
17.5°	685.8	646.1	606.1	566.2	524.5	482.9	441.2	399.6	356.9	314.6	272.0
20°	619.4	565.2	510.6	456.4	404.9	353.3	301.4	249.9	223.1	196.7	169.9
22.5°	538.4	468.0	397.9	327.5	285.2	242.6	200.3	157.7	146.1	134.5	122.9
25°	467.0	387.4	307.7	228.0	201.3	174.5	147.7	121.0	115.7	110.1	104.8
27.5°	392.6	317.9	242.9	167.9	152.7	137.2	122.0	106.4	102.8	99.5	95.8
30°	301.1	245.2	189.0	133.2	123.3	113.4	103.1	93.2	91.5	89.6	87.9
32.5°	233.3	192.4	151.7	110.7	105.1	99.5	93.9	88.2	85.6	83.0	80.0
35°	195.0	162.3	129.2	96.2	92.2	87.9	83.9	79.7	77.0	74.0	71.4
37.5°	161.6	137.8	113.7	89.6	85.3	81.0	76.3	72.0	70.1	68.1	66.1
40°	133.2	119.3	105.4	91.5	85.3	79.0	72.7	66.4	64.8	63.1	61.5
42.5°	110.1	101.1	91.9	83.0	78.3	74.0	69.4	64.8	62.5	59.8	57.5
45°	88.9	83.9	79.3	74.4	74.7	75.0	75.0	75.4	69.4	63.1	57.2
47.5°	72.0	69.7	67.1	64.8	67.4	70.1	72.4	75.0	68.7	62.5	55.9
50°	61.8	60.2	58.2	56.2	58.8	61.8	64.4	67.1	64.4	62.1	59.5
52.5°	56.5	54.2	51.9	49.6	50.6	51.9	52.9	53.9	53.9	53.9	53.9
55°	53.2	50.9	48.3	45.6	44.6	43.3	42.3	41.0	39.3	38.0	36.4
57.5°	50.6	47.9	44.9	42.3	40.7	38.7	37.0	35.0	33.4	31.4	29.7
60°	47.9	45.3	42.3	39.7	38.0	36.4	34.4	32.7	30.7	29.1	27.1
62.5°	44.3	42.0	39.7	37.3	35.7	34.4	32.7	31.1	29.1	27.1	24.8
65°	40.3	38.7	36.7	34.7	33.1	31.4	29.7	28.1	26.1	24.5	22.5
67.5°	36.7	35.0	33.7	32.1	30.1	28.4	26.4	24.5	23.1	21.8	20.2
70°	33.7	32.4	31.4	30.1	28.1	26.4	24.5	22.5	21.5	20.2	19.2
72.5°	30.7	29.7	28.4	27.4	25.8	24.1	22.5	20.8	19.8	18.8	17.8
75°	26.4	25.8	25.1	24.5	22.8	21.2	19.2	17.5	17.2	16.9	16.5
77.5°	23.8	23.5	22.8	22.1	20.5	18.8	17.2	15.5	15.9	16.2	16.2
80°	19.5	19.5	19.2	19.2	17.8	16.5	14.9	13.6	14.2	15.2	15.9
82.5°	14.9	14.9	14.9	14.9	13.6	12.2	10.9	9.6	10.6	11.2	12.2
85°	10.2	9.9	9.6	9.3	8.3	7.6	6.6	5.6	6.9	7.9	9.3
87.5°	6.3	6.6	6.6	6.6	5.9	5.0	4.3	3.3	4.0	4.3	5.0
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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	766.8	756.9	746.9	736.7	726.8	703.6	680.5	657.4	634.2	651.4	668.3
5°	800.2	781.0	761.5	742.3	722.8	714.2	706.0	697.4	688.8	690.1	691.7
7.5°	597.9	585.3	572.8	559.9	547.3	544.7	542.4	539.7	537.1	542.7	548.0
10°	504.3	486.8	469.0	451.5	433.6	424.0	414.5	404.9	395.3	394.3	393.0
12.5°	475.6	448.8	422.4	395.6	368.8	348.0	327.2	306.4	285.6	287.2	288.9
15°	365.2	338.4	312.0	285.2	258.5	241.6	224.4	207.6	190.4	185.4	180.5
17.5°	229.4	209.5	189.7	169.5	149.7	144.1	138.8	133.2	127.6	125.9	124.3
20°	143.1	134.5	125.9	117.0	108.4	107.1	105.8	104.4	103.1	104.1	105.1
22.5°	111.4	107.7	103.8	100.1	96.2	94.9	93.5	92.2	90.9	91.9	92.5
25°	99.2	96.5	93.9	91.2	88.6	87.3	85.6	84.3	82.6	83.3	84.3
27.5°	92.2	89.9	87.6	85.3	83.0	80.6	78.7	76.3	74.0	75.4	76.3
30°	85.9	83.3	81.0	78.3	75.7	73.4	71.1	68.4	66.1	67.4	68.7
32.5°	77.3	75.0	72.4	70.1	67.4	66.1	64.8	63.1	61.8	62.8	63.5
35°	68.4	66.4	64.8	62.8	60.8	59.5	58.5	57.2	55.9	56.2	56.8
37.5°	64.1	61.8	59.5	57.2	54.9	54.2	53.5	52.6	51.9	51.9	51.9
40°	59.8	57.5	55.2	52.6	50.2	49.2	48.3	47.3	46.3	46.3	46.3
42.5°	54.9	52.6	50.2	47.9	45.6	44.6	43.3	42.3	41.0	41.0	41.0
45°	50.9	48.6	46.6	44.3	42.0	40.3	38.7	36.7	35.0	34.7	34.4
47.5°	49.6	46.3	43.0	39.7	36.4	34.7	33.1	31.1	29.4	29.1	28.8
50°	56.8	50.2	43.6	37.0	30.4	29.1	27.8	26.4	25.1	24.5	24.1
52.5°	53.9	46.9	40.0	33.1	26.1	25.1	24.1	23.1	22.1	21.5	20.8
55°	34.7	31.7	29.1	26.1	23.1	22.5	21.8	20.8	20.2	19.5	18.8
57.5°	27.8	26.1	24.8	23.1	21.5	20.8	20.2	19.2	18.5	17.5	16.9
60°	25.1	23.8	22.5	21.2	19.8	19.2	18.5	17.8	17.2	16.2	15.5
62.5°	22.8	21.8	20.8	19.8	18.8	18.2	17.5	16.9	16.2	15.2	14.2
65°	20.5	19.8	19.2	18.5	17.8	17.2	16.5	15.5	14.9	13.9	12.9
67.5°	18.8	18.5	18.2	17.8	17.5	16.9	15.9	15.2	14.2	13.2	11.9
70°	17.8	17.8	17.8	17.5	17.5	16.9	15.9	15.2	14.2	12.9	11.9
72.5°	16.9	17.2	17.5	17.5	17.8	16.9	15.9	14.9	13.9	12.6	11.6
75°	16.2	16.5	16.9	16.9	17.2	16.5	15.9	14.9	14.2	12.9	11.6
77.5°	16.5	16.9	16.9	17.2	17.2	16.5	15.9	14.9	14.2	12.6	10.9
80°	16.5	16.2	15.9	15.2	14.9	13.6	12.2	10.6	9.3	7.3	5.6
82.5°	12.9	12.2	11.9	11.2	10.6	9.3	7.9	6.6	5.3	4.0	2.6
85°	10.2	9.6	9.3	8.6	7.9	6.9	5.6	4.6	3.3	2.6	1.7
87.5°	5.3	5.0	4.3	4.0	3.3	2.6	1.7	1.0	0.0	0.0	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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	685.5	702.3	700.0	697.7	708.6	719.5	711.6	704.0	696.0	688.1	671.6
5°	693.1	694.4	692.1	689.4	689.8	690.1	684.8	679.5	674.2	668.9	667.9
7.5°	553.6	558.9	566.2	573.1	573.4	573.4	569.5	565.5	561.2	557.2	559.2
10°	392.0	390.7	392.6	394.6	394.3	393.6	404.2	414.8	425.0	435.6	428.0
12.5°	290.2	291.8	283.6	275.3	278.3	280.9	282.6	284.2	285.9	287.5	292.2
15°	175.5	170.5	164.6	158.6	161.6	164.3	167.2	169.9	172.9	175.5	178.5
17.5°	122.3	120.6	118.0	115.0	115.3	115.7	116.0	116.3	116.3	116.7	117.3
20°	106.1	107.1	105.1	102.8	102.1	101.1	100.5	99.8	98.8	98.2	97.2
22.5°	93.5	94.2	94.5	94.5	93.2	91.5	90.2	89.2	87.9	86.6	85.9
25°	84.9	85.6	84.9	83.9	83.3	82.6	82.0	81.0	80.3	79.3	79.0
27.5°	77.7	78.7	78.7	78.3	77.7	76.7	75.0	73.7	72.0	70.4	70.7
30°	70.1	71.4	71.4	71.1	70.7	70.4	68.7	67.1	65.4	63.8	64.4
32.5°	64.4	65.1	64.8	64.4	64.4	64.1	62.8	61.8	60.5	59.2	59.2
35°	57.2	57.5	57.5	57.5	57.5	57.2	56.2	55.2	54.2	53.2	53.5
37.5°	51.9	51.9	52.9	53.5	52.9	52.2	51.6	50.6	49.9	48.9	48.9
40°	45.9	45.9	46.9	47.6	46.9	46.3	45.9	45.3	44.9	44.3	44.3
42.5°	40.7	40.7	41.6	42.3	42.3	42.0	41.3	40.7	40.0	39.3	39.7
45°	34.0	33.7	35.4	36.7	36.0	35.4	35.4	35.0	35.0	34.7	35.0
47.5°	28.1	27.8	29.1	30.4	30.1	29.4	29.4	29.4	29.4	29.4	29.7
50°	23.5	22.8	24.1	25.1	24.8	24.1	24.1	24.5	24.5	24.5	24.8
52.5°	20.2	19.5	20.5	21.2	20.8	20.5	20.5	20.8	20.8	20.8	21.2
55°	17.8	17.2	18.2	18.8	18.5	17.8	18.2	18.2	18.5	18.5	18.5
57.5°	15.9	14.9	15.5	16.2	16.2	15.9	16.2	16.2	16.5	16.5	16.5
60°	14.5	13.6	14.2	14.5	14.5	14.2	14.5	14.5	14.9	14.9	14.9
62.5°	12.9	11.9	12.6	12.9	12.9	12.6	12.9	12.9	13.2	13.2	13.2
65°	11.6	10.6	10.9	11.2	11.2	11.2	11.6	11.6	11.9	11.9	11.9
67.5°	10.9	9.6	9.9	10.2	10.2	10.2	10.6	10.6	10.9	10.9	11.2
70°	10.6	9.3	9.6	9.6	9.9	9.9	9.9	10.2	10.2	10.2	10.2
72.5°	10.2	8.9	8.9	8.9	9.3	9.3	9.3	9.6	9.6	9.6	9.6
75°	10.2	8.9	8.6	8.3	8.6	8.6	8.6	8.9	8.9	8.9	8.9
77.5°	8.9	7.3	6.6	5.6	6.6	7.3	7.6	7.6	7.9	7.9	7.9
80°	3.6	1.7	1.0	0.0	0.3	0.7	1.0	1.3	1.7	2.0	2.3
82.5°	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	655.1	638.5	622.0	629.9	637.9	645.8	653.7	653.1	652.1	651.4	650.4
5°	667.3	666.3	665.3	660.7	656.4	651.8	647.1	646.1	644.8	643.8	642.5
7.5°	561.2	562.8	564.8	559.5	554.3	549.0	543.7	530.1	516.6	502.7	489.1
10°	420.4	412.5	404.9	404.2	403.5	402.9	402.2	400.9	399.6	397.9	396.6
12.5°	297.1	301.8	306.4	304.7	303.1	301.1	299.4	301.8	304.4	306.7	309.0
15°	181.1	184.1	186.7	192.7	198.6	204.6	210.5	212.8	215.5	217.8	220.1
17.5°	118.0	118.3	119.0	125.6	131.9	138.5	144.8	149.1	153.4	157.3	161.6
20°	96.2	95.2	94.2	97.8	101.5	105.1	108.7	112.7	116.7	120.6	124.6
22.5°	85.6	84.9	84.3	85.6	86.9	87.9	89.2	92.2	95.5	98.5	101.5
25°	78.7	78.0	77.7	78.3	79.0	79.7	80.3	82.0	83.6	85.3	86.9
27.5°	70.7	71.1	71.1	71.7	72.0	72.7	73.0	73.7	74.7	75.4	76.0
30°	64.8	65.4	65.8	66.4	66.8	67.4	67.8	67.4	67.1	66.8	66.4
32.5°	59.2	58.8	58.8	59.5	59.8	60.5	60.8	61.5	62.1	62.5	63.1
35°	53.5	53.9	53.9	53.9	54.2	54.2	54.2	54.9	55.9	56.5	57.2
37.5°	48.6	48.6	48.3	49.2	49.9	50.9	51.6	52.2	53.2	53.9	54.5
40°	44.3	44.3	44.3	44.9	45.6	45.9	46.6	48.3	49.9	51.6	53.2
42.5°	39.7	40.0	40.0	40.7	41.3	41.6	42.3	43.6	44.6	45.9	46.9
45°	35.4	35.7	36.0	36.7	37.0	37.7	38.0	38.7	39.0	39.7	40.0
47.5°	30.4	30.7	31.1	31.7	32.1	32.7	33.1	32.7	32.7	32.4	32.1
50°	25.4	25.8	26.1	27.1	27.8	28.8	29.4	28.8	28.1	27.1	26.4
52.5°	21.5	21.5	21.8	22.5	23.1	23.5	24.1	23.8	23.5	23.1	22.8
55°	18.5	18.5	18.5	18.8	19.2	19.5	19.8	20.2	20.2	20.5	20.5
57.5°	16.5	16.2	16.2	16.5	16.9	16.9	17.2	17.5	17.5	17.8	17.8
60°	14.9	14.5	14.5	14.9	15.2	15.5	15.9	15.9	15.9	15.5	15.5
62.5°	13.2	13.2	13.2	13.6	13.6	13.9	13.9	13.9	14.2	14.2	14.2
65°	12.2	12.2	12.2	12.2	12.2	11.9	11.9	12.2	12.2	12.6	12.6
67.5°	11.2	11.6	11.6	11.2	10.9	10.6	10.2	10.6	10.6	10.9	10.9
70°	10.2	10.2	10.2	9.9	9.6	9.3	8.9	8.9	8.9	8.6	8.6
72.5°	9.6	9.3	9.3	8.9	8.3	7.9	7.3	6.9	6.9	6.6	6.3
75°	8.9	8.6	8.6	7.9	7.3	6.6	5.9	5.6	5.0	4.6	4.0
77.5°	7.9	7.9	7.9	6.9	6.3	5.3	4.3	3.6	3.0	2.0	1.3
80°	2.6	3.0	3.3	3.0	3.0	2.6	2.3	1.7	1.3	0.7	0.0
82.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	654.1	657.7	661.3	665.0	665.3	665.6	666.0	666.3	658.0	649.4	641.2
5°	649.1	656.1	662.7	669.3	665.6	662.0	658.4	654.7	654.4	654.4	654.1
7.5°	490.1	490.8	491.8	492.5	493.8	495.1	496.1	497.4	502.7	508.0	512.9
10°	392.3	388.0	383.4	379.1	375.8	372.1	368.8	365.2	367.9	370.8	373.5
12.5°	305.4	301.8	297.8	294.1	292.8	291.5	289.9	288.5	297.1	305.7	314.0
15°	219.5	218.8	217.8	217.1	221.4	225.7	230.0	234.3	241.6	248.5	255.8
17.5°	163.3	164.9	166.6	168.2	170.9	173.5	175.8	178.5	183.8	189.4	194.7
20°	126.6	128.9	130.9	132.9	132.2	131.5	130.5	129.9	134.2	138.5	142.4
22.5°	103.4	105.1	107.1	108.7	109.1	109.4	109.7	110.1	112.7	115.0	117.7
25°	88.6	90.6	92.2	93.9	94.2	94.5	94.9	95.2	98.5	101.8	104.8
27.5°	78.3	80.3	82.6	84.6	85.3	85.9	86.6	87.3	89.2	90.9	92.9
30°	69.1	71.7	74.4	77.0	78.0	79.0	80.0	81.0	83.0	85.3	87.3
32.5°	64.4	66.1	67.4	68.7	71.1	73.0	75.4	77.3	79.7	82.3	84.6
35°	59.2	60.8	62.8	64.4	66.1	67.8	69.1	70.7	72.0	73.4	74.4
37.5°	55.9	57.5	58.8	60.2	60.8	61.5	61.8	62.5	63.1	63.8	64.1
40°	53.2	52.9	52.9	52.6	53.2	54.2	54.9	55.5	57.5	59.2	61.1
42.5°	46.3	45.3	44.6	43.6	45.3	46.6	48.3	49.6	52.2	54.9	57.5
45°	39.3	38.7	37.7	37.0	39.3	41.6	44.0	46.3	49.2	51.9	54.9
47.5°	32.4	32.7	32.7	33.1	35.4	37.7	39.7	42.0	44.9	47.9	50.9
50°	27.1	27.8	28.4	29.1	31.4	33.4	35.7	37.7	41.0	44.0	47.3
52.5°	23.8	24.8	25.4	26.4	28.4	30.7	32.7	34.7	37.7	40.7	43.6
55°	21.5	22.8	23.8	24.8	26.4	28.1	29.7	31.4	34.4	37.3	40.0
57.5°	18.8	19.8	20.8	21.8	23.5	25.1	26.4	28.1	30.7	33.7	36.4
60°	16.5	17.2	18.2	18.8	20.2	21.8	23.1	24.5	27.1	29.7	32.1
62.5°	14.5	15.2	15.5	15.9	17.2	18.5	19.8	21.2	23.5	26.1	28.4
65°	12.9	13.2	13.2	13.6	14.5	15.9	16.9	17.8	20.5	22.8	25.4
67.5°	10.9	11.2	11.2	11.2	12.2	13.2	14.2	15.2	17.5	20.2	22.5
70°	8.6	8.9	8.9	8.9	9.9	11.2	12.2	13.2	15.2	17.2	19.2
72.5°	6.6	6.6	6.9	6.9	7.9	9.3	10.2	11.2	12.9	14.5	16.2
75°	4.3	4.6	4.6	5.0	5.9	7.3	8.3	9.3	10.9	12.6	13.9
77.5°	1.7	2.3	2.6	3.0	4.0	5.0	5.9	6.9	8.3	9.9	11.2
80°	0.0	0.3	0.3	0.3	1.0	1.3	2.0	2.3	3.3	4.6	5.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	632.6	650.8	668.9	687.1	705.3	727.8	750.2	753.5	756.9	752.9	749.3
5°	653.7	662.7	671.3	680.2	688.8	714.6	740.0	740.3	740.3	740.7	740.7
7.5°	518.2	525.8	533.4	540.7	548.3	565.2	582.0	588.3	594.2	592.9	591.6
10°	376.1	386.0	395.6	405.5	415.1	430.6	446.2	452.1	457.7	475.9	494.4
12.5°	322.6	332.2	341.7	351.0	360.6	376.4	392.3	403.9	415.1	426.4	437.6
15°	262.8	270.4	278.3	285.9	293.5	300.8	308.0	322.2	336.1	347.4	358.6
17.5°	200.0	203.3	206.2	209.5	212.5	215.8	219.1	225.1	230.7	240.6	250.2
20°	146.7	149.4	152.0	154.3	157.0	160.3	163.6	167.9	171.9	174.2	176.2
22.5°	120.0	123.9	127.9	131.5	135.5	137.8	140.1	141.5	142.8	143.8	144.8
25°	108.1	111.7	115.0	118.7	122.0	122.9	123.9	126.6	129.2	129.2	129.2
27.5°	94.5	99.5	104.8	109.7	114.7	116.0	117.0	118.0	118.7	117.3	115.7
30°	89.2	94.2	99.2	103.8	108.7	110.7	112.4	113.4	114.4	112.7	111.0
32.5°	86.9	91.5	95.8	100.5	104.8	107.4	109.7	112.4	114.7	115.0	115.7
35°	75.7	78.7	82.0	84.9	87.9	89.2	90.6	91.5	92.2	92.2	92.2
37.5°	64.8	68.7	73.0	77.0	81.0	83.9	86.9	87.3	87.3	87.9	88.9
40°	62.8	66.8	70.7	74.4	78.3	81.6	84.6	84.9	85.3	85.9	86.6
42.5°	60.2	64.4	68.7	73.0	77.3	80.6	83.6	83.6	83.3	84.3	84.9
45°	57.5	61.8	65.8	70.1	74.0	78.3	82.3	81.3	80.0	81.6	83.0
47.5°	53.9	58.5	63.1	67.4	72.0	76.0	79.7	79.0	78.0	79.7	81.3
50°	50.2	54.9	59.5	64.1	68.7	73.0	77.0	76.3	75.7	77.7	79.3
52.5°	46.6	51.2	56.2	60.8	65.4	69.1	72.4	72.0	71.7	73.7	76.0
55°	43.0	47.3	51.9	56.2	60.5	64.4	68.1	67.4	66.8	68.4	70.1
57.5°	39.0	43.3	47.3	51.6	55.5	58.8	61.8	60.8	59.8	61.8	63.8
60°	34.7	38.7	42.6	46.3	50.2	52.9	55.2	54.5	53.5	55.5	57.5
62.5°	30.7	34.4	38.0	41.3	44.9	46.9	48.9	48.3	47.6	49.6	51.9
65°	27.8	30.7	33.4	36.4	39.0	41.0	43.0	42.0	41.0	43.3	45.3
67.5°	24.8	27.1	29.7	32.1	34.4	36.0	37.7	37.0	36.0	37.7	39.3
70°	21.2	23.5	25.8	27.8	30.1	31.7	33.4	32.4	31.1	32.7	34.4
72.5°	17.8	19.8	21.8	23.5	25.4	26.8	28.1	27.1	26.1	27.4	28.8
75°	15.5	17.2	18.8	20.2	21.8	22.5	23.1	22.8	22.1	23.5	24.5
77.5°	12.6	13.9	15.5	16.9	18.2	18.2	18.2	18.5	18.5	19.8	21.5
80°	6.6	7.9	9.3	10.2	11.6	11.6	11.2	11.9	12.2	13.9	15.5
82.5°	0.0	1.0	2.0	3.0	4.0	3.6	3.0	3.3	3.3	4.0	4.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	745.3	741.3	738.7	736.4	733.7	731.1	734.4	737.7	740.7	744.0	753.9
5°	741.0	741.0	738.7	736.4	734.1	731.7	736.7	741.3	746.3	750.9	750.6
7.5°	590.0	588.6	602.5	616.1	629.9	643.5	647.1	650.8	654.1	657.7	656.7
10°	512.6	530.8	536.7	542.7	548.6	554.6	561.9	569.1	576.4	583.7	586.3
12.5°	448.8	460.1	479.2	498.1	517.2	536.1	545.7	555.6	565.2	574.7	593.6
15°	369.8	381.1	397.6	414.1	430.6	447.2	462.4	477.9	493.1	508.3	531.1
17.5°	260.1	269.7	282.3	294.8	307.0	319.6	343.1	366.5	390.0	413.5	437.6
20°	178.5	180.5	186.4	192.7	198.6	204.6	225.7	247.2	268.4	289.5	321.3
22.5°	145.4	146.4	149.4	152.4	155.0	158.0	168.9	180.1	191.0	201.9	227.7
25°	128.9	128.9	130.9	132.9	134.8	136.8	142.8	148.7	154.3	160.3	176.8
27.5°	114.4	112.7	115.7	118.7	121.6	124.6	128.9	133.5	137.8	142.1	153.4
30°	109.4	107.7	111.4	115.0	118.7	122.3	126.6	130.9	134.8	139.1	146.7
32.5°	116.0	116.3	117.7	119.0	120.0	121.3	123.3	125.6	127.6	129.6	136.2
35°	92.2	92.2	94.5	96.8	98.8	101.1	104.8	108.4	112.0	115.7	122.6
37.5°	89.6	90.2	92.2	94.5	96.5	98.5	103.1	108.1	112.7	117.3	122.9
40°	86.9	87.6	90.2	92.9	95.5	98.2	102.8	107.1	111.7	116.0	121.3
42.5°	85.9	86.6	89.9	93.5	96.8	100.1	104.1	108.1	111.7	115.7	122.9
45°	84.6	85.9	89.9	94.2	98.2	102.1	105.8	109.4	113.0	116.7	125.6
47.5°	82.6	84.3	88.9	93.2	97.8	102.1	109.1	116.3	123.3	130.2	134.5
50°	81.3	83.0	87.9	92.9	97.8	102.8	114.0	125.3	136.2	147.4	145.1
52.5°	78.0	80.0	86.3	92.5	98.8	105.1	115.0	124.9	134.8	144.8	140.1
55°	71.7	73.4	80.6	87.9	94.9	102.1	109.4	116.7	123.6	130.9	125.6
57.5°	65.4	67.4	74.4	81.3	87.9	94.9	98.5	102.1	105.8	109.4	107.4
60°	59.5	61.5	70.7	80.0	89.2	98.5	95.2	91.9	88.2	84.9	87.3
62.5°	53.9	55.9	64.8	73.4	82.3	90.9	86.3	81.6	77.0	72.4	76.0
65°	47.6	49.6	52.9	56.5	59.8	63.1	62.8	62.1	61.8	61.1	65.1
67.5°	41.0	42.6	44.3	46.3	47.9	49.6	50.6	51.9	52.9	53.9	57.2
70°	35.7	37.3	39.3	41.0	43.0	44.6	45.3	45.9	46.3	46.9	49.9
72.5°	29.7	31.1	33.7	36.4	38.7	41.3	41.6	41.6	42.0	42.0	44.3
75°	25.8	26.8	28.8	30.7	32.4	34.4	35.4	36.4	37.0	38.0	39.3
77.5°	22.8	24.1	24.8	25.1	25.8	26.1	26.8	27.4	28.1	28.8	29.1
80°	16.9	18.5	19.2	19.5	20.2	20.5	20.5	20.2	20.2	19.8	20.2
82.5°	5.3	5.9	6.9	7.9	8.9	9.9	10.2	10.6	10.6	10.9	10.6
85°	1.0	1.3	2.0	2.6	3.0	3.6	3.3	2.6	2.3	1.7	1.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	763.8	773.4	783.3	779.3	775.4	771.4	767.4	768.1	769.1	769.7	770.4
5°	750.2	749.6	749.3	760.5	772.1	783.3	794.5	806.8	819.3	831.5	843.8
7.5°	655.7	654.4	653.4	667.9	682.5	697.0	711.6	728.4	745.6	762.5	779.3
10°	589.0	591.6	594.2	600.2	606.5	612.4	618.4	634.6	650.8	666.6	682.8
12.5°	612.4	630.9	649.8	653.4	656.7	660.3	663.7	666.0	668.3	670.6	672.9
15°	554.3	577.1	599.9	609.4	618.7	628.3	637.5	662.0	686.1	710.6	734.7
17.5°	461.7	485.5	509.6	538.4	567.1	595.9	624.7	651.1	677.5	704.0	730.4
20°	353.3	385.0	416.8	453.1	489.8	526.2	562.5	589.0	615.1	641.5	667.6
22.5°	253.8	279.6	305.4	349.3	393.0	436.9	480.6	526.5	572.8	618.7	664.6
25°	193.3	209.5	226.1	269.4	312.7	355.6	398.9	462.0	525.2	588.3	651.4
27.5°	164.3	175.5	186.4	225.4	264.4	303.1	342.1	417.1	492.1	567.1	642.2
30°	154.7	162.3	169.9	202.9	236.3	269.4	302.4	378.4	454.4	530.5	606.5
32.5°	142.8	149.1	155.7	184.8	213.8	242.6	271.7	346.0	420.4	494.4	568.8
35°	129.2	136.2	142.8	171.9	200.9	229.7	258.8	335.8	412.8	489.8	566.8
37.5°	128.2	133.9	139.1	172.9	206.9	240.6	274.3	351.3	428.3	505.0	582.0
40°	126.9	132.2	137.5	171.9	205.9	240.3	274.3	355.0	435.6	516.2	596.9
42.5°	130.2	137.2	144.4	174.8	205.2	235.3	265.7	350.7	435.6	520.2	605.2
45°	134.8	143.8	152.7	180.5	208.2	236.0	263.7	356.0	448.2	540.0	632.3
47.5°	139.1	143.4	147.7	174.2	200.3	226.7	252.8	347.0	441.2	535.4	629.6
50°	143.1	140.8	138.5	167.6	196.7	225.4	254.5	344.4	434.0	523.8	613.4
52.5°	135.2	130.5	125.6	156.7	187.7	218.5	249.5	340.1	430.6	521.2	611.8
55°	120.3	115.0	109.7	140.5	170.9	201.6	232.0	322.2	412.5	502.7	592.9
57.5°	105.1	103.1	100.8	124.3	147.7	170.9	194.3	294.5	395.0	495.1	595.2
60°	89.6	91.5	93.9	110.7	127.6	144.1	161.0	259.1	356.9	455.1	552.9
62.5°	79.3	83.0	86.3	100.5	115.0	129.2	143.4	236.0	328.5	421.1	513.6
65°	69.4	73.4	77.3	94.2	111.4	128.2	145.1	223.4	301.8	380.1	458.4
67.5°	60.5	63.5	66.8	88.9	111.0	133.2	155.3	219.5	283.2	347.4	411.1
70°	52.9	55.5	58.5	84.3	110.1	135.8	161.6	216.1	271.0	325.5	380.1
72.5°	46.6	48.9	51.2	77.3	103.4	129.6	155.7	204.3	252.5	301.1	349.3
75°	40.7	41.6	43.0	65.1	86.9	109.1	130.9	163.3	196.0	228.4	260.8
77.5°	29.4	29.4	29.7	36.4	42.6	49.2	55.5	75.7	95.8	115.7	135.8
80°	20.2	20.5	20.5	23.1	25.4	28.1	30.4	34.7	38.7	43.0	46.9
82.5°	10.2	9.6	9.3	11.9	14.5	17.2	19.8	20.8	21.5	22.5	23.1
85°	1.0	0.3	0.0	1.7	3.3	5.0	6.6	7.9	9.3	10.6	11.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

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: P367183

CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	767.8	765.1	762.5	759.8	776.0	792.5	808.7	824.9	870.9	901.0	897.6
5°	855.7	867.6	879.5	891.4	910.5	930.0	949.2	968.4	1036.5	1078.1	1084.1
7.5°	797.8	816.0	834.5	852.7	889.7	926.4	963.4	1000.1	1056.0	1099.3	1123.7
10°	703.6	724.5	745.0	765.8	807.4	849.4	891.0	932.7	995.5	1055.3	1086.0
12.5°	705.6	738.3	771.1	803.8	840.1	876.5	912.5	948.9	987.2	1007.4	1050.7
15°	760.5	786.3	812.0	837.8	885.4	933.0	980.3	1027.9	1050.7	1099.3	1149.8
17.5°	780.7	831.2	881.5	931.7	991.2	1050.3	1109.8	1169.0	1212.0	1279.4	1331.6
20°	743.3	819.0	894.3	970.0	1051.7	1133.3	1214.9	1296.6	1343.5	1407.6	1488.3
22.5°	745.0	825.3	905.3	985.6	1098.3	1210.6	1323.3	1435.7	1561.6	1685.2	1724.6
25°	756.5	861.6	966.4	1071.5	1201.7	1331.9	1462.2	1592.4	1744.4	1874.3	1926.5
27.5°	760.5	878.8	996.8	1115.1	1300.2	1485.3	1670.4	1855.5	2036.9	2183.6	2239.5
30°	750.9	895.7	1040.1	1184.5	1411.6	1638.6	1865.7	2092.8	2264.9	2435.8	2505.2
32.5°	753.2	937.6	1122.1	1306.5	1573.9	1841.6	2108.9	2376.3	2486.4	2640.4	2762.7
35°	769.1	971.4	1173.3	1375.6	1671.4	1967.2	2263.0	2558.8	2739.2	2901.8	3005.6
37.5°	806.1	1030.2	1253.9	1478.0	1841.6	2205.5	2569.0	2932.6	3211.8	3491.1	3538.7
40°	833.5	1070.2	1306.8	1543.5	1965.5	2387.6	2809.6	3231.7	3547.6	3850.7	3883.1
42.5°	864.6	1123.7	1383.2	1642.3	2114.2	2586.2	3058.2	3530.1	3896.0	4205.0	4226.5
45°	898.6	1165.4	1431.7	1698.1	2192.6	2686.7	3181.1	3675.2	4102.6	4461.5	4380.5
47.5°	914.8	1200.1	1485.3	1770.5	2300.6	2830.4	3360.6	3890.4	4273.8	4590.4	4495.9
50°	927.4	1241.0	1555.0	1868.7	2424.6	2980.5	3536.4	4092.3	4476.7	4768.8	4620.8
52.5°	962.8	1313.4	1664.4	2015.1	2606.4	3197.3	3788.6	4379.5	4751.3	5019.7	4812.1
55°	997.1	1401.0	1805.2	2209.1	2845.0	3481.2	4117.1	4753.0	5123.1	5353.2	5071.3
57.5°	1040.4	1485.9	1931.1	2376.3	3056.5	3736.7	4416.5	5096.7	5458.6	5712.8	5419.9
60°	1029.2	1505.1	1981.4	2457.3	3150.0	3842.8	4535.5	5228.2	5658.2	5970.6	5771.9
62.5°	985.6	1457.5	1929.2	2401.1	3081.6	3761.8	4442.3	5122.5	5637.7	6060.8	5994.0
65°	897.3	1335.9	1774.8	2213.4	2863.2	3513.3	4163.0	4812.8	5448.7	5987.1	6010.9
67.5°	781.3	1151.5	1521.3	1891.5	2497.6	3103.8	3709.6	4315.7	5066.3	5694.3	5765.0
70°	658.4	936.3	1214.6	1492.6	2026.0	2559.4	3092.5	3626.0	4406.3	5038.2	5171.7
72.5°	527.8	706.6	885.1	1063.6	1448.6	1833.3	2218.3	2603.1	3289.5	3780.0	4013.0
75°	342.1	423.4	504.7	586.0	842.5	1098.6	1355.1	1611.2	2067.0	2428.2	2691.6
77.5°	152.4	168.9	185.1	201.6	399.6	597.6	795.5	993.5	1191.5	1409.6	1471.4
80°	54.5	61.8	69.4	76.7	173.8	271.3	368.5	465.7	561.5	674.2	701.7
82.5°	22.8	22.8	22.5	22.1	56.8	91.5	126.3	161.0	186.1	213.8	219.1
85°	9.3	6.9	4.3	1.7	7.3	13.2	18.8	24.5	39.3	35.7	66.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

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: P367183

CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	885.1	884.4	883.8	883.1	882.4	870.5	859.0	847.1	835.5	850.1	864.6
5°	1074.5	1091.7	1108.8	1126.4	1143.5	1148.5	1153.5	1158.4	1163.4	1174.0	1184.5
7.5°	1144.2	1173.3	1202.0	1231.1	1259.9	1286.7	1313.1	1339.9	1366.6	1360.0	1353.4
10°	1120.1	1172.6	1225.2	1278.1	1330.6	1342.2	1353.7	1365.6	1377.2	1407.3	1437.4
12.5°	1094.0	1157.1	1220.2	1283.3	1346.5	1381.5	1416.2	1451.2	1486.3	1516.7	1547.1
15°	1217.9	1258.2	1298.6	1339.2	1379.5	1410.3	1440.7	1471.4	1501.8	1523.0	1543.8
17.5°	1380.8	1400.7	1420.5	1440.7	1460.5	1484.6	1508.8	1532.9	1557.0	1569.6	1582.1
20°	1553.0	1561.6	1570.2	1578.8	1587.4	1568.2	1549.1	1529.9	1510.7	1522.6	1534.2
22.5°	1725.9	1728.9	1732.2	1735.1	1738.1	1693.5	1648.9	1604.3	1559.6	1540.8	1522.0
25°	1991.9	1970.1	1948.3	1926.5	1904.7	1851.8	1798.9	1746.1	1693.2	1646.6	1600.0
27.5°	2280.1	2206.1	2132.4	2058.4	1984.7	1931.8	1878.9	1826.0	1773.2	1703.1	1633.0
30°	2570.7	2451.4	2332.4	2213.1	2094.1	2031.3	1968.5	1905.4	1842.6	1772.5	1702.8
32.5°	2837.0	2693.6	2550.2	2406.4	2263.0	2157.2	2051.4	1945.7	1839.9	1791.0	1742.1
35°	3057.8	2888.3	2718.7	2548.8	2379.3	2274.5	2169.8	2065.0	1960.2	1887.5	1815.1
37.5°	3435.3	3244.6	3053.9	2863.2	2672.5	2529.3	2386.6	2243.5	2100.4	2051.8	2003.2
40°	3783.3	3543.0	3302.7	3062.5	2822.2	2702.2	2582.6	2462.6	2342.9	2263.3	2184.0
42.5°	4059.9	3806.7	3553.9	3300.7	3047.6	2928.9	2810.6	2692.0	2573.3	2520.1	2467.2
45°	4119.7	3881.1	3642.8	3404.2	3165.6	3096.5	3027.8	2958.7	2889.9	2853.2	2816.9
47.5°	4237.7	3978.9	3720.5	3461.7	3202.9	3171.9	3140.8	3109.4	3078.3	3095.8	3113.4
50°	4303.8	4039.8	3775.7	3511.6	3247.5	3256.5	3265.1	3274.0	3282.9	3407.2	3531.1
52.5°	4432.1	4165.3	3898.6	3631.9	3365.2	3421.4	3477.2	3533.4	3589.3	3760.5	3931.3
55°	4661.1	4399.0	4136.9	3874.5	3612.4	3686.4	3760.5	3834.8	3908.9	4090.7	4272.1
57.5°	5000.5	4740.4	4480.6	4220.5	3960.8	4034.5	4108.2	4181.9	4255.6	4419.8	4583.8
60°	5427.9	5160.8	4894.1	4627.1	4360.3	4388.1	4415.5	4443.3	4471.1	4647.6	4823.7
62.5°	5760.7	5515.1	5269.9	5024.3	4779.1	4748.4	4717.9	4687.2	4656.8	4791.0	4924.8
65°	5838.0	5665.2	5492.7	5319.8	5146.9	5052.4	4958.2	4863.7	4769.2	4823.4	4877.6
67.5°	5616.6	5499.9	5383.6	5266.9	5150.2	4952.9	4755.6	4558.0	4360.7	4331.9	4303.2
70°	5102.7	5038.9	4975.4	4911.6	4848.2	4544.1	4240.4	3936.3	3632.6	3559.5	3486.5
72.5°	4026.5	4066.2	4105.9	4145.8	4185.5	3860.0	3534.7	3209.2	2883.7	2791.1	2698.9
75°	2839.4	2973.9	3108.4	3242.9	3377.4	3080.6	2784.2	2487.4	2190.6	2101.7	2013.1
77.5°	1539.5	1791.7	2043.8	2296.0	2548.2	2303.3	2058.7	1813.8	1568.9	1507.1	1445.6
80°	729.8	875.2	1020.3	1165.7	1311.1	1255.9	1200.7	1145.2	1090.0	1103.6	1117.1
82.5°	223.8	328.9	434.0	539.1	644.2	652.4	660.3	668.6	676.9	697.4	717.5
85°	75.0	102.8	130.5	158.3	186.1	235.0	283.9	333.1	382.1	350.3	318.9
87.5°	0.0	1.0	1.7	2.6	3.3	10.2	17.2	24.1	31.1	26.8	22.8
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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

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: P367183

CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	879.5	894.0	894.3	895.0	895.3	895.7	897.3	899.0	901.0	902.6	891.7
5°	1195.4	1206.0	1186.5	1167.0	1147.2	1127.7	1145.2	1162.7	1180.2	1197.7	1190.1
7.5°	1346.5	1339.9	1337.6	1335.6	1333.3	1331.3	1337.9	1344.5	1351.1	1357.7	1357.1
10°	1467.4	1497.5	1504.8	1512.1	1519.7	1526.9	1511.7	1496.5	1481.3	1466.1	1459.8
12.5°	1577.5	1607.9	1632.0	1656.2	1680.6	1704.7	1682.9	1661.4	1639.6	1618.1	1597.7
15°	1564.9	1585.8	1605.6	1625.4	1645.3	1665.1	1657.8	1650.9	1643.6	1636.3	1633.0
17.5°	1595.0	1607.6	1602.9	1598.3	1593.4	1588.7	1586.4	1584.4	1582.1	1579.8	1571.9
20°	1546.1	1558.0	1555.0	1552.4	1549.4	1546.4	1544.4	1542.5	1540.5	1538.5	1532.2
22.5°	1503.1	1484.3	1479.3	1474.7	1469.8	1465.1	1465.8	1466.4	1466.8	1467.4	1495.9
25°	1553.4	1506.8	1488.6	1470.4	1451.9	1433.7	1442.0	1449.9	1458.2	1466.4	1507.4
27.5°	1562.6	1492.6	1463.5	1434.4	1405.3	1376.2	1406.0	1435.7	1465.5	1495.2	1561.6
30°	1632.7	1563.0	1522.3	1482.0	1441.3	1401.0	1439.0	1477.0	1515.0	1553.0	1625.1
32.5°	1692.8	1643.9	1614.8	1585.8	1556.7	1527.6	1529.2	1530.6	1532.2	1533.9	1635.3
35°	1742.4	1670.0	1643.6	1617.5	1591.0	1564.9	1604.3	1643.6	1682.9	1722.3	1813.5
37.5°	1954.6	1906.0	1857.4	1809.2	1760.6	1712.3	1743.7	1775.1	1806.9	1838.3	1939.1
40°	2104.3	2025.0	2012.4	2000.2	1987.7	1975.4	1991.6	2007.5	2023.7	2039.9	2128.1
42.5°	2414.0	2360.8	2326.8	2293.0	2259.0	2225.3	2238.2	2251.1	2264.3	2277.2	2360.8
45°	2780.2	2743.5	2721.0	2698.6	2675.8	2653.3	2633.8	2614.6	2595.1	2576.0	2660.9
47.5°	3130.9	3148.4	3198.0	3247.2	3296.8	3346.0	3305.7	3265.4	3224.7	3184.4	3184.7
50°	3655.4	3779.3	3804.4	3829.2	3854.3	3879.1	3793.2	3707.3	3621.0	3535.1	3524.8
52.5°	4102.6	4273.4	4282.3	4291.3	4300.5	4309.4	4274.7	4240.0	4205.0	4170.3	4078.1
55°	4453.9	4635.3	4647.6	4659.5	4671.7	4683.6	4653.2	4623.1	4592.7	4562.3	4469.1
57.5°	4748.0	4912.0	4919.2	4926.2	4933.4	4940.7	4943.0	4945.3	4948.0	4950.3	4824.4
60°	5000.2	5176.7	5162.1	5147.9	5133.4	5119.2	5097.4	5075.6	5053.7	5031.9	4950.6
62.5°	5059.0	5193.2	5170.7	5148.6	5126.1	5104.0	5085.5	5067.3	5048.8	5030.3	4978.4
65°	4931.8	4986.0	4962.9	4939.7	4916.3	4893.1	4881.2	4869.7	4857.8	4845.9	4839.2
67.5°	4274.1	4245.3	4272.8	4300.2	4327.6	4355.1	4392.4	4429.7	4467.4	4504.8	4483.0
70°	3413.1	3340.1	3370.5	3400.6	3431.0	3461.0	3517.6	3574.1	3630.9	3687.4	3672.2
72.5°	2606.4	2513.8	2518.1	2522.4	2527.0	2531.3	2529.7	2528.4	2526.7	2525.1	2551.5
75°	1924.2	1835.3	1793.3	1751.3	1709.4	1667.4	1657.1	1646.9	1636.7	1626.4	1675.7
77.5°	1383.8	1322.3	1293.6	1265.2	1236.4	1208.0	1222.5	1237.1	1252.0	1266.5	1283.7
80°	1131.0	1144.5	1122.4	1100.6	1078.4	1056.3	1072.8	1089.0	1105.5	1122.1	1070.8
82.5°	738.0	758.2	690.1	622.0	553.9	485.8	527.2	568.5	610.1	651.4	630.3
85°	287.2	255.8	218.1	180.8	143.1	105.4	137.2	168.9	200.6	232.3	253.5
87.5°	18.5	14.5	11.6	8.6	5.3	2.3	5.0	7.6	10.6	13.2	22.1
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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

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: P367183

CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7	698.7
2.5°	881.1	870.2	859.6	838.8	818.0	797.2	776.4	805.4	834.5	863.6	892.7
5°	1182.9	1175.3	1168.0	1170.0	1172.0	1174.3	1176.3	1180.6	1184.9	1188.8	1193.1
7.5°	1356.7	1356.1	1355.4	1340.2	1325.0	1309.5	1294.3	1301.9	1309.5	1317.1	1324.7
10°	1453.9	1447.6	1441.3	1407.9	1374.6	1340.9	1307.5	1292.9	1278.1	1263.5	1249.0
12.5°	1577.2	1556.3	1535.9	1500.2	1464.8	1429.1	1393.4	1380.2	1366.6	1353.4	1339.9
15°	1630.0	1626.7	1623.8	1598.3	1572.5	1547.1	1521.3	1476.0	1430.4	1385.1	1339.9
17.5°	1563.9	1555.7	1547.8	1588.1	1628.1	1668.4	1708.7	1661.8	1614.8	1567.9	1521.0
20°	1525.9	1519.7	1513.4	1588.4	1663.1	1738.1	1812.8	1792.0	1770.8	1750.0	1729.2
22.5°	1524.3	1553.0	1581.5	1647.2	1712.7	1778.4	1843.9	1879.9	1916.3	1952.3	1988.3
25°	1548.4	1589.7	1630.7	1739.8	1848.8	1958.2	2067.3	2108.6	2149.6	2190.9	2231.9
27.5°	1627.7	1694.2	1760.3	1855.5	1950.6	2046.2	2141.3	2231.6	2322.1	2412.4	2502.6
30°	1696.8	1768.9	1840.9	1954.3	2067.3	2180.7	2293.7	2406.7	2519.8	2632.8	2745.8
32.5°	1736.8	1838.6	1940.1	2077.9	2215.4	2353.2	2491.0	2615.0	2738.9	2862.5	2986.4
35°	1904.7	1996.2	2087.5	2239.8	2392.2	2544.9	2697.2	2850.6	3004.0	3157.0	3310.3
37.5°	2039.9	2141.0	2241.8	2408.4	2574.6	2741.2	2907.8	3119.6	3331.8	3543.7	3755.5
40°	2216.4	2304.6	2392.9	2548.8	2704.5	2860.5	3016.5	3285.2	3553.9	3822.3	4091.0
42.5°	2444.1	2527.7	2611.3	2778.2	2945.1	3112.0	3278.9	3576.4	3873.8	4171.0	4468.4
45°	2745.8	2831.1	2916.0	3048.9	3181.8	3314.6	3447.5	3763.8	4079.7	4396.0	4712.0
47.5°	3185.1	3185.4	3185.7	3281.6	3377.4	3473.6	3569.4	3888.1	4206.3	4524.9	4843.2
50°	3514.6	3504.0	3493.8	3543.3	3592.6	3642.2	3691.7	3984.9	4278.4	4571.5	4864.7
52.5°	3986.2	3894.0	3802.1	3831.5	3860.6	3890.0	3919.1	4167.3	4415.9	4664.1	4912.3
55°	4376.2	4283.0	4189.8	4178.9	4168.0	4157.1	4146.2	4374.6	4602.9	4831.3	5059.7
57.5°	4698.8	4572.9	4447.3	4422.1	4397.4	4372.2	4347.1	4588.1	4828.7	5069.6	5310.2
60°	4869.7	4788.3	4707.0	4690.8	4674.3	4658.1	4641.6	4839.2	5036.9	5234.5	5432.2
62.5°	4926.8	4874.9	4823.4	4853.8	4884.2	4914.9	4945.3	5032.3	5118.9	5205.8	5292.4
65°	4833.0	4826.4	4819.7	4882.2	4944.3	5006.8	5069.3	5047.8	5026.0	5004.5	4983.0
67.5°	4461.5	4439.7	4418.2	4555.3	4692.2	4829.3	4966.5	4862.4	4757.9	4653.8	4549.7
70°	3657.0	3641.5	3626.3	3823.9	4021.6	4219.5	4417.2	4290.9	4164.7	4038.4	3912.2
72.5°	2577.6	2604.0	2630.5	2863.5	3096.2	3329.2	3561.8	3434.6	3307.4	3180.1	3052.9
75°	1724.6	1773.8	1823.1	2063.0	2303.0	2543.2	2783.2	2633.8	2484.4	2335.0	2185.6
77.5°	1300.9	1318.1	1335.2	1486.9	1638.6	1790.7	1942.4	1819.1	1695.5	1572.2	1448.6
80°	1019.6	968.0	916.8	966.7	1016.6	1066.5	1116.4	1042.7	969.0	895.7	822.0
82.5°	609.1	588.0	566.8	593.9	620.7	647.8	674.9	643.2	611.1	579.4	547.3
85°	274.3	295.5	316.3	343.7	370.8	398.3	425.7	381.4	337.1	292.8	248.5
87.5°	30.7	39.7	48.6	60.2	71.7	83.3	94.9	74.0	52.9	32.1	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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

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: P367183
 CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	698.7	698.7
2.5°	909.5	926.4
5°	1192.8	1192.1
7.5°	1304.8	1284.7
10°	1230.5	1212.0
12.5°	1292.6	1245.3
15°	1304.2	1268.5
17.5°	1462.8	1404.3
20°	1654.2	1578.8
22.5°	1885.2	1781.7
25°	2108.9	1986.0
27.5°	2428.9	2354.8
30°	2671.1	2596.1
32.5°	2935.5	2884.6
35°	3259.8	3208.9
37.5°	3768.7	3781.6
40°	4098.9	4106.8
42.5°	4499.2	4529.9
45°	4746.4	4780.7
47.5°	4891.1	4939.1
50°	4942.0	5019.4
52.5°	5007.8	5103.0
55°	5165.8	5271.9
57.5°	5394.8	5479.4
60°	5436.1	5440.1
62.5°	5231.2	5170.1
65°	4917.9	4852.8
67.5°	4510.4	4470.7
70°	3860.0	3807.7
72.5°	2955.7	2858.5
75°	2065.3	1945.0
77.5°	1385.5	1322.3
80°	823.9	825.6
82.5°	562.5	577.4
85°	245.6	242.3
87.5°	7.9	4.3
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: P367183
CATALOG NUMBER: MSA-SA2A-740-U-SLR-HSS

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)