

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: P366743

Luminaire Tested: **MSA-SA1B-727-U-SLR-HSS**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P366743
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-SA1B-727-U-SLR-HSS
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) 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: 3090 lumens
Efficiency: N/A
Efficacy: 70.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

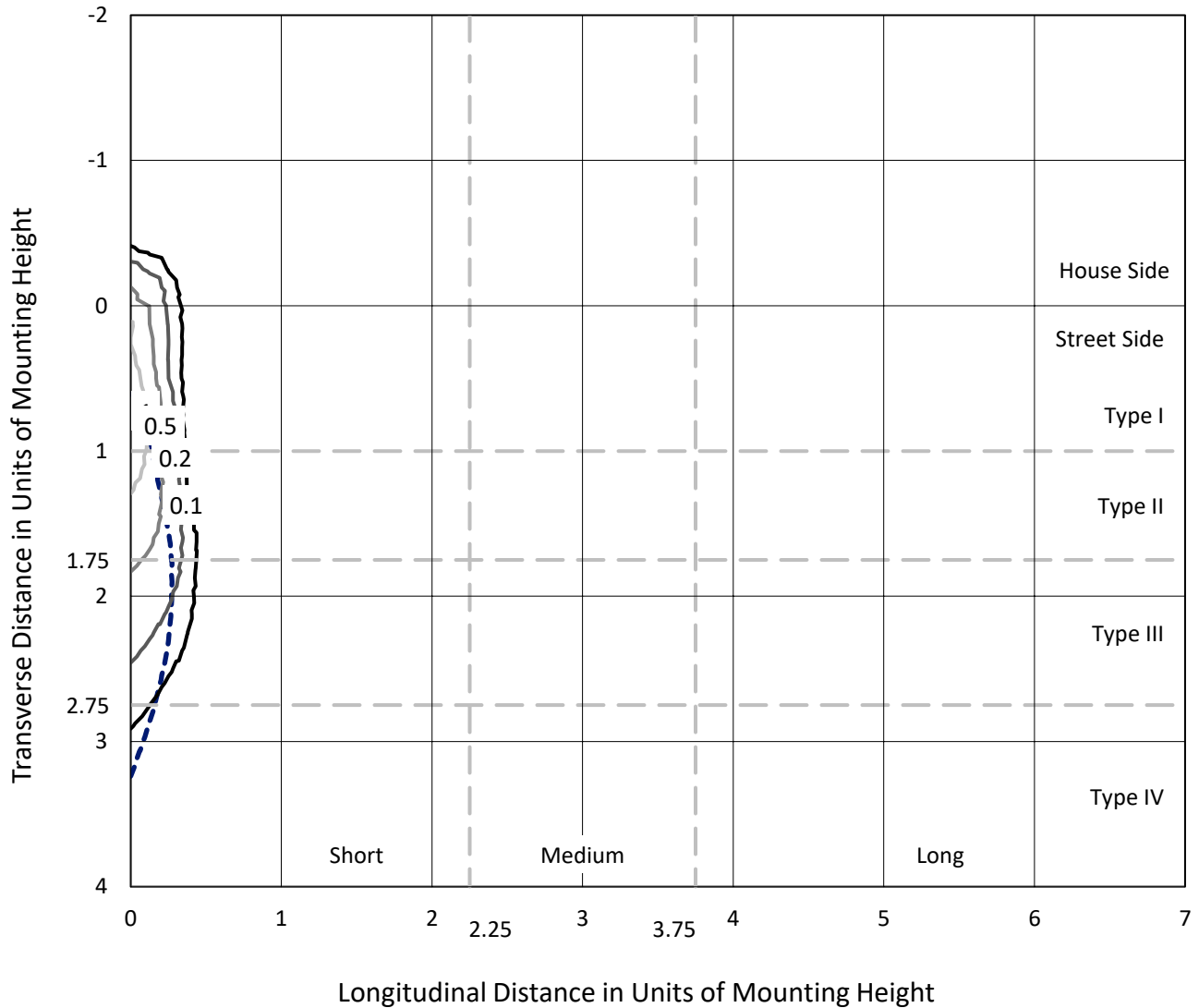
Input Watts (W): 44
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P366743
 CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

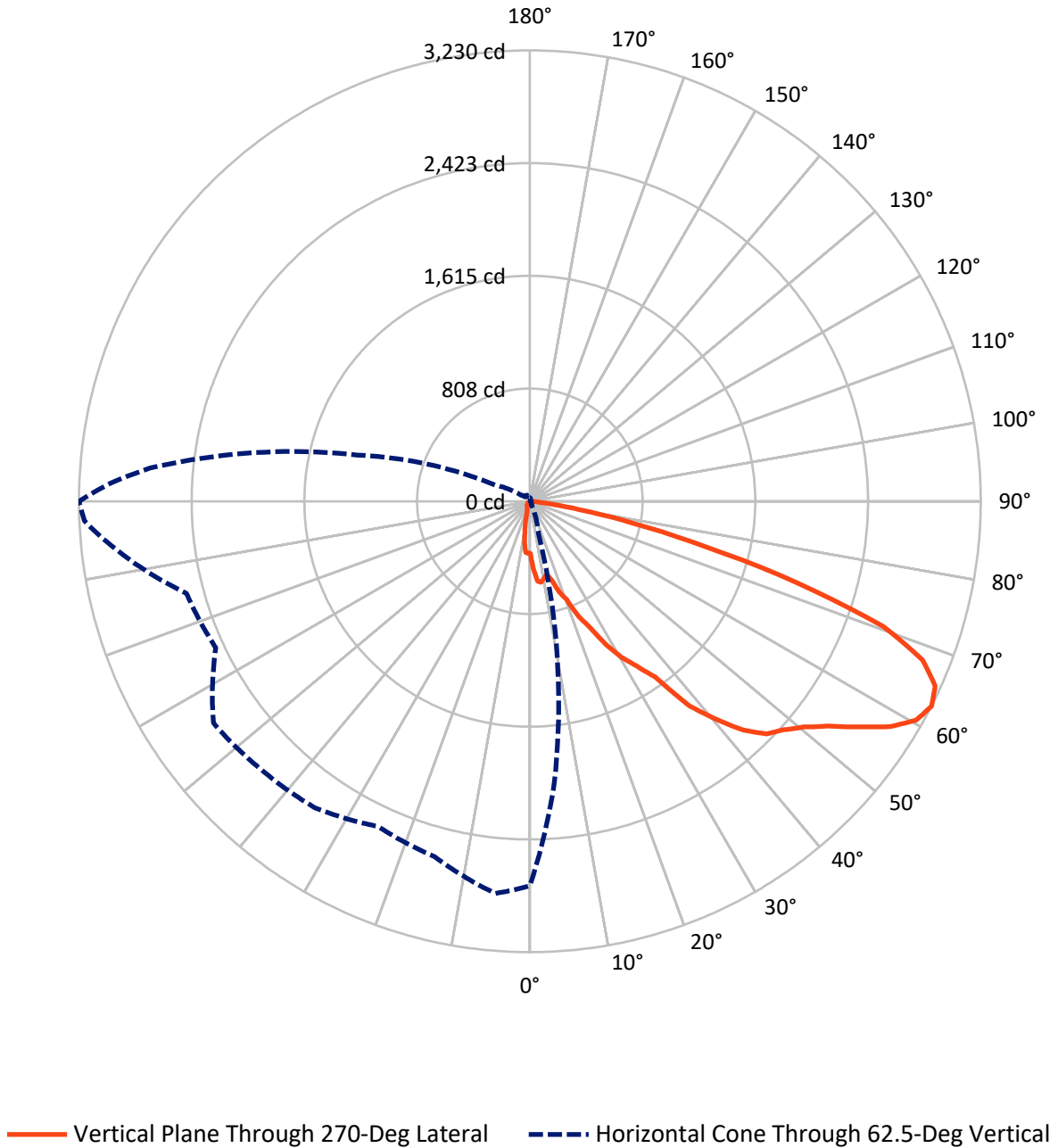
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.6 fc
 Type IV - Short - N/A

REPORT NUMBER: P366743
CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

Luminous Intensity Polar Plot



REPORT NUMBER: P366743
 CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	516.0	0.0	516.0
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	2574.0	0.0	2574.0
	% Fixture	83.3	0.0	83.3
Total	Lumens	3090.0	0.0	3090.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.6	1.3
10°-20°	108.7	3.5
20°-30°	175.7	5.7
30°-40°	294.2	9.5
40°-50°	480.9	15.6
50°-60°	712.0	23.0
60°-70°	817.3	26.5
70°-80°	404.1	13.1
80°-90°	55.5	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°	3090.0	100.0
0°-180°	3090.0	100.0

Coefficient of Utilization

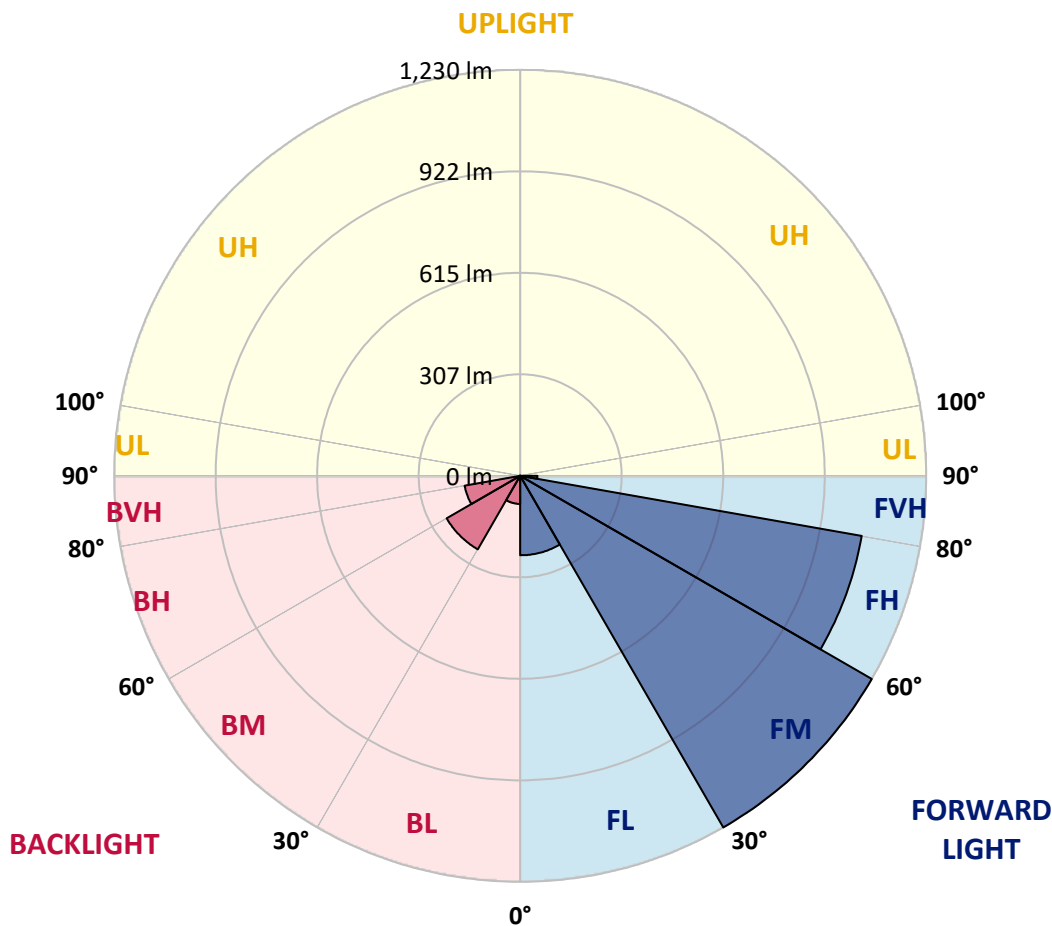


REPORT NUMBER: P366743
 CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	240.7	7.8			
FM (30°-60°)	1230.0	39.8			
FH (60°-80°)	1050.7	34.0			G1/1800
FVH (80°-90°)	52.6	1.7			G1/100
BL (0°-30°)	85.2	2.8	B0/110		
BM (30°-60°)	257.1	8.3	B1/1000		
BH (60°-80°)	170.7	5.5	B1/500		G1/500
BVH (80°-90°)	3.0	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-G1
 Type IV Short





REPORT NUMBER: P366743

CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4
2.5°	493.7	499.9	505.9	494.4	483.0	471.5	460.1	449.9	439.6	429.3	419.0
5°	635.3	624.1	612.8	597.3	581.8	566.3	550.8	543.6	536.3	529.1	521.9
7.5°	684.7	664.6	644.3	630.6	617.0	603.3	589.5	567.9	546.0	524.4	502.5
10°	645.9	624.6	603.1	591.1	579.1	567.2	555.2	528.2	501.1	474.2	447.0
12.5°	663.7	640.6	617.5	592.9	568.2	543.6	518.9	498.3	477.5	456.9	436.1
15°	676.0	649.6	623.0	594.8	566.6	538.5	510.3	486.0	461.8	437.5	413.2
17.5°	748.4	710.5	672.7	629.3	586.0	542.7	499.4	471.2	443.2	415.0	386.8
20°	841.4	787.7	733.8	675.1	616.5	557.8	499.2	464.1	429.1	394.0	359.0
22.5°	949.6	882.5	815.2	742.8	670.6	598.2	525.8	475.4	425.0	374.6	324.3
25°	1058.4	997.8	937.2	839.8	742.4	644.8	547.4	483.5	419.4	355.5	291.3
27.5°	1255.0	1146.7	1038.3	914.3	790.5	666.5	542.5	469.2	396.0	322.5	249.2
30°	1383.6	1300.3	1216.8	1053.0	889.3	725.5	561.7	468.9	376.1	283.1	190.2
32.5°	1537.3	1415.5	1293.4	1115.7	937.9	760.2	582.5	473.5	364.3	255.2	146.0
35°	1710.1	1577.5	1444.9	1219.8	994.7	769.4	544.3	438.6	332.9	227.2	121.5
37.5°	2015.4	1793.5	1571.5	1309.1	1046.4	784.0	521.4	415.9	310.2	204.7	99.0
40°	2188.7	1976.8	1764.9	1436.9	1109.0	781.0	453.0	359.3	265.8	172.1	78.4
42.5°	2414.2	2145.4	1876.4	1509.9	1143.3	776.8	410.2	323.6	236.9	150.1	63.4
45°	2547.9	2243.3	1938.8	1541.6	1144.4	747.2	350.0	275.0	199.9	124.9	49.8
47.5°	2632.2	2326.8	2021.4	1594.9	1168.7	742.3	315.8	246.8	177.7	108.7	39.6
50°	2675.0	2368.7	2062.2	1624.0	1185.8	747.4	309.1	240.4	171.6	102.9	34.0
52.5°	2719.6	2424.2	2128.6	1674.4	1220.1	765.9	311.6	241.5	171.6	101.5	31.4
55°	2809.6	2518.3	2226.8	1746.6	1266.4	786.3	306.1	237.1	168.0	98.8	29.8
57.5°	2920.2	2608.8	2297.2	1799.4	1301.7	803.9	306.1	236.7	167.3	97.8	28.4
60°	2899.3	2561.2	2223.1	1740.1	1257.1	774.0	291.0	224.9	159.1	93.0	26.9
62.5°	2755.4	2388.5	2021.4	1575.0	1128.5	682.2	235.7	183.0	130.3	77.5	24.8
65°	2586.3	2196.8	1807.2	1396.4	985.5	574.7	163.8	128.6	93.2	57.9	22.5
67.5°	2382.6	1967.3	1552.0	1186.7	821.5	456.2	90.9	73.3	55.7	37.9	20.3
70°	2029.3	1600.6	1171.7	890.9	610.3	329.6	48.8	41.2	33.6	26.1	18.5
72.5°	1523.4	1130.6	737.8	560.5	383.3	205.9	28.5	25.7	22.7	19.9	16.9
75°	1036.6	742.3	447.9	341.0	234.3	127.3	20.4	19.0	17.4	16.0	14.4
77.5°	704.7	509.7	314.8	240.3	165.7	91.2	16.7	15.9	15.0	13.9	13.0
80°	440.0	301.2	162.4	125.1	87.5	50.2	12.7	12.2	11.6	10.9	10.4
82.5°	307.7	184.1	60.4	47.2	34.0	20.6	7.4	7.6	7.8	7.8	7.9
85°	129.1	69.8	10.4	8.8	7.2	5.6	4.1	4.4	4.9	5.3	5.6
87.5°	2.3	1.2	0.0	0.4	0.9	1.2	1.6	2.1	2.5	3.0	3.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366743
 CATALOG NUMBER: MSA-SA1B-727-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: P366743
 CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4
2.5°	421.7	424.3	426.8	429.4	427.3	425.4	423.3	421.2	418.0	415.0	411.8
5°	513.1	504.3	495.5	486.7	473.3	459.9	446.3	433.0	431.4	429.8	428.0
7.5°	481.9	461.3	440.5	419.9	400.5	381.2	361.8	342.4	336.4	330.6	324.6
10°	431.2	415.3	399.3	383.5	369.5	355.5	341.5	327.4	312.8	298.2	283.4
12.5°	419.6	403.0	386.3	369.7	357.0	344.4	331.7	319.0	302.6	286.2	269.8
15°	395.3	377.3	359.3	341.4	324.4	307.5	290.5	273.5	253.8	234.1	214.4
17.5°	365.5	344.4	323.0	301.7	279.5	257.3	235.1	213.0	190.2	167.7	145.0
20°	330.1	301.2	272.1	243.2	215.8	188.3	160.6	133.2	118.9	104.8	90.5
22.5°	286.9	249.4	212.1	174.6	152.0	129.3	106.7	84.0	77.9	71.7	65.5
25°	248.9	206.4	164.0	121.5	107.3	93.0	78.7	64.5	61.6	58.7	55.8
27.5°	209.3	169.4	129.5	89.5	81.4	73.1	65.0	56.7	54.8	53.0	51.1
30°	160.5	130.7	100.8	71.0	65.7	60.4	55.0	49.7	48.8	47.7	46.9
32.5°	124.4	102.5	80.8	59.0	56.0	53.0	50.0	47.0	45.6	44.2	42.6
35°	103.9	86.5	68.9	51.3	49.1	46.9	44.7	42.4	41.0	39.5	38.0
37.5°	86.1	73.5	60.6	47.7	45.4	43.2	40.7	38.4	37.3	36.3	35.2
40°	71.0	63.6	56.2	48.8	45.4	42.1	38.8	35.4	34.5	33.6	32.8
42.5°	58.7	53.9	49.0	44.2	41.7	39.5	37.0	34.5	33.3	31.9	30.6
45°	47.4	44.7	42.3	39.6	39.8	40.0	40.0	40.2	37.0	33.6	30.5
47.5°	38.4	37.2	35.8	34.5	35.9	37.3	38.6	40.0	36.6	33.3	29.8
50°	32.9	32.1	31.0	29.9	31.4	32.9	34.3	35.8	34.3	33.1	31.7
52.5°	30.1	28.9	27.7	26.4	26.9	27.7	28.2	28.7	28.7	28.7	28.7
55°	28.4	27.1	25.7	24.3	23.8	23.1	22.5	21.8	21.0	20.3	19.4
57.5°	26.9	25.5	24.0	22.5	21.7	20.6	19.7	18.7	17.8	16.7	15.9
60°	25.5	24.1	22.5	21.1	20.3	19.4	18.3	17.4	16.4	15.5	14.4
62.5°	23.6	22.4	21.1	19.9	19.0	18.3	17.4	16.6	15.5	14.4	13.2
65°	21.5	20.6	19.6	18.5	17.6	16.7	15.9	15.0	13.9	13.0	12.0
67.5°	19.6	18.7	18.0	17.1	16.0	15.1	14.1	13.0	12.3	11.6	10.7
70°	18.0	17.3	16.7	16.0	15.0	14.1	13.0	12.0	11.4	10.7	10.2
72.5°	16.4	15.9	15.1	14.6	13.7	12.9	12.0	11.1	10.6	10.0	9.5
75°	14.1	13.7	13.4	13.0	12.2	11.3	10.2	9.3	9.2	9.0	8.8
77.5°	12.7	12.5	12.2	11.8	10.9	10.0	9.2	8.3	8.5	8.6	8.6
80°	10.4	10.4	10.2	10.2	9.5	8.8	7.9	7.2	7.6	8.1	8.5
82.5°	7.9	7.9	7.9	7.9	7.2	6.5	5.8	5.1	5.6	6.0	6.5
85°	5.5	5.3	5.1	4.9	4.4	4.1	3.5	3.0	3.7	4.2	4.9
87.5°	3.3	3.5	3.5	3.5	3.2	2.6	2.3	1.8	2.1	2.3	2.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366743
 CATALOG NUMBER: MSA-SA1B-727-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: P366743
 CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4
2.5°	408.6	403.4	398.1	392.6	387.3	375.0	362.7	350.3	338.0	347.2	356.2
5°	426.4	416.2	405.8	395.6	385.2	380.6	376.2	371.7	367.1	367.8	368.7
7.5°	318.6	311.9	305.3	298.4	291.7	290.3	289.0	287.6	286.2	289.2	292.0
10°	268.8	259.5	249.9	240.6	231.1	226.0	220.9	215.8	210.7	210.1	209.4
12.5°	253.5	239.2	225.1	210.8	196.6	185.5	174.4	163.3	152.2	153.1	153.9
15°	194.6	180.4	166.3	152.0	137.7	128.8	119.6	110.6	101.5	98.8	96.2
17.5°	122.2	111.7	101.1	90.4	79.8	76.8	74.0	71.0	68.0	67.1	66.2
20°	76.3	71.7	67.1	62.4	57.8	57.1	56.4	55.7	55.0	55.5	56.0
22.5°	59.4	57.4	55.3	53.4	51.3	50.6	49.8	49.1	48.4	49.0	49.3
25°	52.8	51.4	50.0	48.6	47.2	46.5	45.6	44.9	44.0	44.4	44.9
27.5°	49.1	47.9	46.7	45.4	44.2	43.0	41.9	40.7	39.5	40.2	40.7
30°	45.8	44.4	43.2	41.7	40.3	39.1	37.9	36.5	35.2	35.9	36.6
32.5°	41.2	40.0	38.6	37.3	35.9	35.2	34.5	33.6	32.9	33.5	33.8
35°	36.5	35.4	34.5	33.5	32.4	31.7	31.2	30.5	29.8	29.9	30.3
37.5°	34.2	32.9	31.7	30.5	29.2	28.9	28.5	28.0	27.7	27.7	27.7
40°	31.9	30.6	29.4	28.0	26.8	26.2	25.7	25.2	24.7	24.7	24.7
42.5°	29.2	28.0	26.8	25.5	24.3	23.8	23.1	22.5	21.8	21.8	21.8
45°	27.1	25.9	24.8	23.6	22.4	21.5	20.6	19.6	18.7	18.5	18.3
47.5°	26.4	24.7	22.9	21.1	19.4	18.5	17.6	16.6	15.7	15.5	15.3
50°	30.3	26.8	23.3	19.7	16.2	15.5	14.8	14.1	13.4	13.0	12.9
52.5°	28.7	25.0	21.3	17.6	13.9	13.4	12.9	12.3	11.8	11.4	11.1
55°	18.5	16.9	15.5	13.9	12.3	12.0	11.6	11.1	10.7	10.4	10.0
57.5°	14.8	13.9	13.2	12.3	11.4	11.1	10.7	10.2	9.9	9.3	9.0
60°	13.4	12.7	12.0	11.3	10.6	10.2	9.9	9.5	9.2	8.6	8.3
62.5°	12.2	11.6	11.1	10.6	10.0	9.7	9.3	9.0	8.6	8.1	7.6
65°	10.9	10.6	10.2	9.9	9.5	9.2	8.8	8.3	7.9	7.4	6.9
67.5°	10.0	9.9	9.7	9.5	9.3	9.0	8.5	8.1	7.6	7.0	6.3
70°	9.5	9.5	9.5	9.3	9.3	9.0	8.5	8.1	7.6	6.9	6.3
72.5°	9.0	9.2	9.3	9.3	9.5	9.0	8.5	7.9	7.4	6.7	6.2
75°	8.6	8.8	9.0	9.0	9.2	8.8	8.5	7.9	7.6	6.9	6.2
77.5°	8.8	9.0	9.0	9.2	9.2	8.8	8.5	7.9	7.6	6.7	5.8
80°	8.8	8.6	8.5	8.1	7.9	7.2	6.5	5.6	4.9	3.9	3.0
82.5°	6.9	6.5	6.3	6.0	5.6	4.9	4.2	3.5	2.8	2.1	1.4
85°	5.5	5.1	4.9	4.6	4.2	3.7	3.0	2.5	1.8	1.4	0.9
87.5°	2.8	2.6	2.3	2.1	1.8	1.4	0.9	0.5	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: P366743
 CATALOG NUMBER: MSA-SA1B-727-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: P366743
 CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4
2.5°	365.3	374.3	373.1	371.8	377.6	383.5	379.2	375.2	371.0	366.7	357.9
5°	369.4	370.1	368.8	367.4	367.6	367.8	365.0	362.1	359.3	356.5	356.0
7.5°	295.0	297.9	301.7	305.4	305.6	305.6	303.5	301.4	299.1	297.0	298.0
10°	208.9	208.2	209.3	210.3	210.1	209.8	215.4	221.1	226.5	232.2	228.1
12.5°	154.7	155.5	151.1	146.7	148.3	149.7	150.6	151.5	152.4	153.2	155.7
15°	93.5	90.9	87.7	84.5	86.1	87.5	89.1	90.5	92.1	93.5	95.1
17.5°	65.2	64.3	62.9	61.3	61.5	61.6	61.8	62.0	62.0	62.2	62.5
20°	56.5	57.1	56.0	54.8	54.4	53.9	53.5	53.2	52.7	52.3	51.8
22.5°	49.8	50.2	50.4	50.4	49.7	48.8	48.1	47.6	46.9	46.1	45.8
25°	45.3	45.6	45.3	44.7	44.4	44.0	43.7	43.2	42.8	42.3	42.1
27.5°	41.4	41.9	41.9	41.7	41.4	40.9	40.0	39.3	38.4	37.5	37.7
30°	37.3	38.0	38.0	37.9	37.7	37.5	36.6	35.8	34.9	34.0	34.3
32.5°	34.3	34.7	34.5	34.3	34.3	34.2	33.5	32.9	32.2	31.5	31.5
35°	30.5	30.6	30.6	30.6	30.6	30.5	29.9	29.4	28.9	28.4	28.5
37.5°	27.7	27.7	28.2	28.5	28.2	27.8	27.5	26.9	26.6	26.1	26.1
40°	24.5	24.5	25.0	25.4	25.0	24.7	24.5	24.1	24.0	23.6	23.6
42.5°	21.7	21.7	22.2	22.5	22.5	22.4	22.0	21.7	21.3	21.0	21.1
45°	18.1	18.0	18.8	19.6	19.2	18.8	18.8	18.7	18.7	18.5	18.7
47.5°	15.0	14.8	15.5	16.2	16.0	15.7	15.7	15.7	15.7	15.7	15.9
50°	12.5	12.2	12.9	13.4	13.2	12.9	12.9	13.0	13.0	13.0	13.2
52.5°	10.7	10.4	10.9	11.3	11.1	10.9	10.9	11.1	11.1	11.1	11.3
55°	9.5	9.2	9.7	10.0	9.9	9.5	9.7	9.7	9.9	9.9	9.9
57.5°	8.5	7.9	8.3	8.6	8.6	8.5	8.6	8.6	8.8	8.8	8.8
60°	7.8	7.2	7.6	7.8	7.8	7.6	7.8	7.8	7.9	7.9	7.9
62.5°	6.9	6.3	6.7	6.9	6.9	6.7	6.9	6.9	7.0	7.0	7.0
65°	6.2	5.6	5.8	6.0	6.0	6.0	6.2	6.2	6.3	6.3	6.3
67.5°	5.8	5.1	5.3	5.5	5.5	5.5	5.6	5.6	5.8	5.8	6.0
70°	5.6	4.9	5.1	5.1	5.3	5.3	5.3	5.5	5.5	5.5	5.5
72.5°	5.5	4.8	4.8	4.8	4.9	4.9	4.9	5.1	5.1	5.1	5.1
75°	5.5	4.8	4.6	4.4	4.6	4.6	4.6	4.8	4.8	4.8	4.8
77.5°	4.8	3.9	3.5	3.0	3.5	3.9	4.1	4.1	4.2	4.2	4.2
80°	1.9	0.9	0.5	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2
82.5°	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.5	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: P366743
 CATALOG NUMBER: MSA-SA1B-727-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: P366743
 CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4
2.5°	349.1	340.3	331.5	335.7	339.9	344.2	348.4	348.1	347.5	347.2	346.6
5°	355.6	355.1	354.6	352.1	349.8	347.3	344.9	344.4	343.6	343.1	342.4
7.5°	299.1	300.0	301.0	298.2	295.4	292.6	289.7	282.5	275.3	267.9	260.7
10°	224.0	219.8	215.8	215.4	215.1	214.7	214.4	213.7	213.0	212.1	211.4
12.5°	158.3	160.8	163.3	162.4	161.5	160.5	159.6	160.8	162.2	163.5	164.7
15°	96.5	98.1	99.5	102.7	105.9	109.0	112.2	113.4	114.8	116.1	117.3
17.5°	62.9	63.1	63.4	66.9	70.3	73.8	77.1	79.4	81.7	83.8	86.1
20°	51.3	50.7	50.2	52.1	54.1	56.0	57.9	60.1	62.2	64.3	66.4
22.5°	45.6	45.3	44.9	45.6	46.3	46.9	47.6	49.1	50.9	52.5	54.1
25°	41.9	41.6	41.4	41.7	42.1	42.4	42.8	43.7	44.6	45.4	46.3
27.5°	37.7	37.9	37.9	38.2	38.4	38.8	38.9	39.3	39.8	40.2	40.5
30°	34.5	34.9	35.1	35.4	35.6	35.9	36.1	35.9	35.8	35.6	35.4
32.5°	31.5	31.4	31.4	31.7	31.9	32.2	32.4	32.8	33.1	33.3	33.6
35°	28.5	28.7	28.7	28.7	28.9	28.9	28.9	29.2	29.8	30.1	30.5
37.5°	25.9	25.9	25.7	26.2	26.6	27.1	27.5	27.8	28.4	28.7	29.1
40°	23.6	23.6	23.6	24.0	24.3	24.5	24.8	25.7	26.6	27.5	28.4
42.5°	21.1	21.3	21.3	21.7	22.0	22.2	22.5	23.3	23.8	24.5	25.0
45°	18.8	19.0	19.2	19.6	19.7	20.1	20.3	20.6	20.8	21.1	21.3
47.5°	16.2	16.4	16.6	16.9	17.1	17.4	17.6	17.4	17.4	17.3	17.1
50°	13.6	13.7	13.9	14.4	14.8	15.3	15.7	15.3	15.0	14.4	14.1
52.5°	11.4	11.4	11.6	12.0	12.3	12.5	12.9	12.7	12.5	12.3	12.2
55°	9.9	9.9	9.9	10.0	10.2	10.4	10.6	10.7	10.7	10.9	10.9
57.5°	8.8	8.6	8.6	8.8	9.0	9.0	9.2	9.3	9.3	9.5	9.5
60°	7.9	7.8	7.8	7.9	8.1	8.3	8.5	8.5	8.5	8.3	8.3
62.5°	7.0	7.0	7.0	7.2	7.2	7.4	7.4	7.4	7.6	7.6	7.6
65°	6.5	6.5	6.5	6.5	6.5	6.3	6.3	6.5	6.5	6.7	6.7
67.5°	6.0	6.2	6.2	6.0	5.8	5.6	5.5	5.6	5.6	5.8	5.8
70°	5.5	5.5	5.5	5.3	5.1	4.9	4.8	4.8	4.8	4.6	4.6
72.5°	5.1	4.9	4.9	4.8	4.4	4.2	3.9	3.7	3.7	3.5	3.3
75°	4.8	4.6	4.6	4.2	3.9	3.5	3.2	3.0	2.6	2.5	2.1
77.5°	4.2	4.2	4.2	3.7	3.3	2.8	2.3	1.9	1.6	1.1	0.7
80°	1.4	1.6	1.8	1.6	1.6	1.4	1.2	0.9	0.7	0.4	0.0
82.5°	0.2	0.2	0.2	0.2	0.2	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: P366743
 CATALOG NUMBER: MSA-SA1B-727-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: P366743
 CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4
2.5°	348.6	350.5	352.5	354.4	354.6	354.7	354.9	355.1	350.7	346.1	341.7
5°	345.9	349.6	353.2	356.7	354.7	352.8	350.9	348.9	348.8	348.8	348.6
7.5°	261.2	261.6	262.1	262.4	263.2	263.9	264.4	265.1	267.9	270.7	273.4
10°	209.1	206.8	204.3	202.0	200.3	198.3	196.6	194.6	196.0	197.6	199.0
12.5°	162.8	160.8	158.7	156.8	156.1	155.4	154.5	153.8	158.3	162.9	167.3
15°	117.0	116.6	116.1	115.7	118.0	120.3	122.6	124.9	128.8	132.5	136.3
17.5°	87.0	87.9	88.8	89.7	91.1	92.5	93.7	95.1	97.9	100.9	103.7
20°	67.5	68.7	69.8	70.8	70.5	70.1	69.6	69.2	71.5	73.8	75.9
22.5°	55.1	56.0	57.1	57.9	58.1	58.3	58.5	58.7	60.1	61.3	62.7
25°	47.2	48.3	49.1	50.0	50.2	50.4	50.6	50.7	52.5	54.3	55.8
27.5°	41.7	42.8	44.0	45.1	45.4	45.8	46.1	46.5	47.6	48.4	49.5
30°	36.8	38.2	39.6	41.0	41.6	42.1	42.6	43.2	44.2	45.4	46.5
32.5°	34.3	35.2	35.9	36.6	37.9	38.9	40.2	41.2	42.4	43.9	45.1
35°	31.5	32.4	33.5	34.3	35.2	36.1	36.8	37.7	38.4	39.1	39.6
37.5°	29.8	30.6	31.4	32.1	32.4	32.8	32.9	33.3	33.6	34.0	34.2
40°	28.4	28.2	28.2	28.0	28.4	28.9	29.2	29.6	30.6	31.5	32.6
42.5°	24.7	24.1	23.8	23.3	24.1	24.8	25.7	26.4	27.8	29.2	30.6
45°	21.0	20.6	20.1	19.7	21.0	22.2	23.4	24.7	26.2	27.7	29.2
47.5°	17.3	17.4	17.4	17.6	18.8	20.1	21.1	22.4	24.0	25.5	27.1
50°	14.4	14.8	15.1	15.5	16.7	17.8	19.0	20.1	21.8	23.4	25.2
52.5°	12.7	13.2	13.6	14.1	15.1	16.4	17.4	18.5	20.1	21.7	23.3
55°	11.4	12.2	12.7	13.2	14.1	15.0	15.9	16.7	18.3	19.9	21.3
57.5°	10.0	10.6	11.1	11.6	12.5	13.4	14.1	15.0	16.4	18.0	19.4
60°	8.8	9.2	9.7	10.0	10.7	11.6	12.3	13.0	14.4	15.9	17.1
62.5°	7.8	8.1	8.3	8.5	9.2	9.9	10.6	11.3	12.5	13.9	15.1
65°	6.9	7.0	7.0	7.2	7.8	8.5	9.0	9.5	10.9	12.2	13.6
67.5°	5.8	6.0	6.0	6.0	6.5	7.0	7.6	8.1	9.3	10.7	12.0
70°	4.6	4.8	4.8	4.8	5.3	6.0	6.5	7.0	8.1	9.2	10.2
72.5°	3.5	3.5	3.7	3.7	4.2	4.9	5.5	6.0	6.9	7.8	8.6
75°	2.3	2.5	2.5	2.6	3.2	3.9	4.4	4.9	5.8	6.7	7.4
77.5°	0.9	1.2	1.4	1.6	2.1	2.6	3.2	3.7	4.4	5.3	6.0
80°	0.0	0.2	0.2	0.2	0.5	0.7	1.1	1.2	1.8	2.5	3.0
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: P366743
 CATALOG NUMBER: MSA-SA1B-727-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: P366743
 CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4
2.5°	337.1	346.8	356.5	366.2	375.9	387.9	399.8	401.6	403.4	401.2	399.3
5°	348.4	353.2	357.7	362.5	367.1	380.8	394.4	394.6	394.6	394.7	394.7
7.5°	276.2	280.2	284.3	288.2	292.2	301.2	310.2	313.5	316.7	316.0	315.3
10°	200.4	205.7	210.8	216.1	221.2	229.5	237.8	241.0	244.0	253.6	263.5
12.5°	171.9	177.0	182.1	187.1	192.2	200.6	209.1	215.2	221.2	227.2	233.2
15°	140.0	144.1	148.3	152.4	156.4	160.3	164.2	171.7	179.1	185.1	191.1
17.5°	106.6	108.3	109.9	111.7	113.3	115.0	116.8	120.0	122.9	128.2	133.3
20°	78.2	79.6	81.0	82.3	83.7	85.4	87.2	89.5	91.6	92.8	93.9
22.5°	63.9	66.1	68.2	70.1	72.2	73.5	74.7	75.4	76.1	76.6	77.1
25°	57.6	59.5	61.3	63.2	65.0	65.5	66.1	67.5	68.9	68.9	68.9
27.5°	50.4	53.0	55.8	58.5	61.1	61.8	62.4	62.9	63.2	62.5	61.6
30°	47.6	50.2	52.8	55.3	57.9	59.0	59.9	60.4	60.9	60.1	59.2
32.5°	46.3	48.8	51.1	53.5	55.8	57.2	58.5	59.9	61.1	61.3	61.6
35°	40.3	41.9	43.7	45.3	46.9	47.6	48.3	48.8	49.1	49.1	49.1
37.5°	34.5	36.6	38.9	41.0	43.2	44.7	46.3	46.5	46.5	46.9	47.4
40°	33.5	35.6	37.7	39.6	41.7	43.5	45.1	45.3	45.4	45.8	46.1
42.5°	32.1	34.3	36.6	38.9	41.2	43.0	44.6	44.6	44.4	44.9	45.3
45°	30.6	32.9	35.1	37.3	39.5	41.7	43.9	43.3	42.6	43.5	44.2
47.5°	28.7	31.2	33.6	35.9	38.4	40.5	42.4	42.1	41.6	42.4	43.3
50°	26.8	29.2	31.7	34.2	36.6	38.9	41.0	40.7	40.3	41.4	42.3
52.5°	24.8	27.3	29.9	32.4	34.9	36.8	38.6	38.4	38.2	39.3	40.5
55°	22.9	25.2	27.7	29.9	32.2	34.3	36.3	35.9	35.6	36.5	37.3
57.5°	20.8	23.1	25.2	27.5	29.6	31.4	32.9	32.4	31.9	32.9	34.0
60°	18.5	20.6	22.7	24.7	26.8	28.2	29.4	29.1	28.5	29.6	30.6
62.5°	16.4	18.3	20.3	22.0	24.0	25.0	26.1	25.7	25.4	26.4	27.7
65°	14.8	16.4	17.8	19.4	20.8	21.8	22.9	22.4	21.8	23.1	24.1
67.5°	13.2	14.4	15.9	17.1	18.3	19.2	20.1	19.7	19.2	20.1	21.0
70°	11.3	12.5	13.7	14.8	16.0	16.9	17.8	17.3	16.6	17.4	18.3
72.5°	9.5	10.6	11.6	12.5	13.6	14.3	15.0	14.4	13.9	14.6	15.3
75°	8.3	9.2	10.0	10.7	11.6	12.0	12.3	12.2	11.8	12.5	13.0
77.5°	6.7	7.4	8.3	9.0	9.7	9.7	9.7	9.9	9.9	10.6	11.4
80°	3.5	4.2	4.9	5.5	6.2	6.2	6.0	6.3	6.5	7.4	8.3
82.5°	0.0	0.5	1.1	1.6	2.1	1.9	1.6	1.8	1.8	2.1	2.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
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: P366743
 CATALOG NUMBER: MSA-SA1B-727-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: P366743
 CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4
2.5°	397.2	395.1	393.7	392.4	391.0	389.6	391.4	393.1	394.7	396.5	401.8
5°	394.9	394.9	393.7	392.4	391.2	390.0	392.6	395.1	397.7	400.2	400.0
7.5°	314.4	313.7	321.1	328.3	335.7	342.9	344.9	346.8	348.6	350.5	350.0
10°	273.2	282.9	286.1	289.2	292.4	295.6	299.4	303.3	307.2	311.1	312.5
12.5°	239.2	245.2	255.4	265.4	275.7	285.7	290.8	296.1	301.2	306.3	316.3
15°	197.1	203.1	211.9	220.7	229.5	238.3	246.4	254.7	262.8	270.9	283.1
17.5°	138.6	143.7	150.4	157.1	163.6	170.3	182.8	195.3	207.8	220.4	233.2
20°	95.1	96.2	99.3	102.7	105.9	109.0	120.3	131.8	143.0	154.3	171.2
22.5°	77.5	78.0	79.6	81.2	82.6	84.2	90.0	96.0	101.8	107.6	121.4
25°	68.7	68.7	69.8	70.8	71.9	72.9	76.1	79.3	82.3	85.4	94.2
27.5°	60.9	60.1	61.6	63.2	64.8	66.4	68.7	71.2	73.5	75.7	81.7
30°	58.3	57.4	59.4	61.3	63.2	65.2	67.5	69.8	71.9	74.2	78.2
32.5°	61.8	62.0	62.7	63.4	63.9	64.6	65.7	66.9	68.0	69.0	72.6
35°	49.1	49.1	50.4	51.6	52.7	53.9	55.8	57.8	59.7	61.6	65.3
37.5°	47.7	48.1	49.1	50.4	51.4	52.5	55.0	57.6	60.1	62.5	65.5
40°	46.3	46.7	48.1	49.5	50.9	52.3	54.8	57.1	59.5	61.8	64.6
42.5°	45.8	46.1	47.9	49.8	51.6	53.4	55.5	57.6	59.5	61.6	65.5
45°	45.1	45.8	47.9	50.2	52.3	54.4	56.4	58.3	60.2	62.2	66.9
47.5°	44.0	44.9	47.4	49.7	52.1	54.4	58.1	62.0	65.7	69.4	71.7
50°	43.3	44.2	46.9	49.5	52.1	54.8	60.8	66.8	72.6	78.6	77.3
52.5°	41.6	42.6	46.0	49.3	52.7	56.0	61.3	66.6	71.9	77.1	74.7
55°	38.2	39.1	43.0	46.9	50.6	54.4	58.3	62.2	65.9	69.8	66.9
57.5°	34.9	35.9	39.6	43.3	46.9	50.6	52.5	54.4	56.4	58.3	57.2
60°	31.7	32.8	37.7	42.6	47.6	52.5	50.7	49.0	47.0	45.3	46.5
62.5°	28.7	29.8	34.5	39.1	43.9	48.4	46.0	43.5	41.0	38.6	40.5
65°	25.4	26.4	28.2	30.1	31.9	33.6	33.5	33.1	32.9	32.6	34.7
67.5°	21.8	22.7	23.6	24.7	25.5	26.4	26.9	27.7	28.2	28.7	30.5
70°	19.0	19.9	21.0	21.8	22.9	23.8	24.1	24.5	24.7	25.0	26.6
72.5°	15.9	16.6	18.0	19.4	20.6	22.0	22.2	22.2	22.4	22.4	23.6
75°	13.7	14.3	15.3	16.4	17.3	18.3	18.8	19.4	19.7	20.3	21.0
77.5°	12.2	12.9	13.2	13.4	13.7	13.9	14.3	14.6	15.0	15.3	15.5
80°	9.0	9.9	10.2	10.4	10.7	10.9	10.9	10.7	10.7	10.6	10.7
82.5°	2.8	3.2	3.7	4.2	4.8	5.3	5.5	5.6	5.6	5.8	5.6
85°	0.5	0.7	1.1	1.4	1.6	1.9	1.8	1.4	1.2	0.9	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: P366743
 CATALOG NUMBER: MSA-SA1B-727-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: P366743
 CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4
2.5°	407.1	412.2	417.5	415.3	413.2	411.1	409.0	409.3	409.9	410.2	410.6
5°	399.8	399.5	399.3	405.3	411.5	417.5	423.4	430.0	436.7	443.2	449.7
7.5°	349.5	348.8	348.2	356.0	363.7	371.5	379.2	388.2	397.4	406.4	415.3
10°	313.9	315.3	316.7	319.9	323.2	326.4	329.6	338.2	346.8	355.3	363.9
12.5°	326.4	336.3	346.3	348.2	350.0	351.9	353.7	354.9	356.2	357.4	358.6
15°	295.4	307.5	319.7	324.8	329.7	334.8	339.8	352.8	365.7	378.7	391.6
17.5°	246.1	258.7	271.6	286.9	302.3	317.6	332.9	347.0	361.1	375.2	389.3
20°	188.3	205.2	222.1	241.5	261.0	280.4	299.8	313.9	327.8	341.9	355.8
22.5°	135.3	149.0	162.8	186.2	209.4	232.9	256.1	280.6	305.3	329.7	354.2
25°	103.0	111.7	120.5	143.6	166.6	189.5	212.6	246.2	279.9	313.5	347.2
27.5°	87.5	93.5	99.3	120.1	140.9	161.5	182.3	222.3	262.3	302.3	342.2
30°	82.4	86.5	90.5	108.1	125.9	143.6	161.2	201.7	242.2	282.7	323.2
32.5°	76.1	79.4	83.0	98.5	114.0	129.3	144.8	184.4	224.0	263.5	303.1
35°	68.9	72.6	76.1	91.6	107.1	122.4	137.9	179.0	220.0	261.0	302.1
37.5°	68.3	71.3	74.2	92.1	110.3	128.2	146.2	187.2	228.3	269.1	310.2
40°	67.6	70.5	73.3	91.6	109.7	128.1	146.2	189.2	232.2	275.1	318.1
42.5°	69.4	73.1	77.0	93.2	109.4	125.4	141.6	186.9	232.2	277.2	322.5
45°	71.9	76.6	81.4	96.2	111.0	125.8	140.6	189.7	238.8	287.8	337.0
47.5°	74.2	76.4	78.7	92.8	106.7	120.8	134.7	184.9	235.1	285.3	335.5
50°	76.3	75.0	73.8	89.3	104.8	120.1	135.6	183.5	231.3	279.2	326.9
52.5°	72.0	69.6	66.9	83.5	100.0	116.4	133.0	181.2	229.5	277.8	326.0
55°	64.1	61.3	58.5	74.9	91.1	107.4	123.7	171.7	219.8	267.9	316.0
57.5°	56.0	55.0	53.7	66.2	78.7	91.1	103.6	156.9	210.5	263.9	317.2
60°	47.7	48.8	50.0	59.0	68.0	76.8	85.8	138.1	190.2	242.5	294.7
62.5°	42.3	44.2	46.0	53.5	61.3	68.9	76.4	125.8	175.1	224.4	273.7
65°	37.0	39.1	41.2	50.2	59.4	68.3	77.3	119.1	160.8	202.6	244.3
67.5°	32.2	33.8	35.6	47.4	59.2	71.0	82.8	117.0	151.0	185.1	219.1
70°	28.2	29.6	31.2	44.9	58.7	72.4	86.1	115.2	144.4	173.5	202.6
72.5°	24.8	26.1	27.3	41.2	55.1	69.0	83.0	108.9	134.6	160.5	186.2
75°	21.7	22.2	22.9	34.7	46.3	58.1	69.8	87.0	104.5	121.7	139.0
77.5°	15.7	15.7	15.9	19.4	22.7	26.2	29.6	40.3	51.1	61.6	72.4
80°	10.7	10.9	10.9	12.3	13.6	15.0	16.2	18.5	20.6	22.9	25.0
82.5°	5.5	5.1	4.9	6.3	7.8	9.2	10.6	11.1	11.4	12.0	12.3
85°	0.5	0.2	0.0	0.9	1.8	2.6	3.5	4.2	4.9	5.6	6.3
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: P366743
 CATALOG NUMBER: MSA-SA1B-727-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: P366743

CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4
2.5°	409.2	407.8	406.4	404.9	413.6	422.4	431.0	439.6	464.1	480.2	478.4
5°	456.0	462.4	468.7	475.0	485.3	495.7	505.9	516.1	552.4	574.6	577.7
7.5°	425.2	434.9	444.8	454.4	474.2	493.7	513.4	533.0	562.8	585.8	598.9
10°	375.0	386.1	397.0	408.1	430.3	452.7	474.9	497.1	530.5	562.4	578.8
12.5°	376.1	393.5	410.9	428.4	447.7	467.1	486.3	505.7	526.1	536.9	559.9
15°	405.3	419.0	432.8	446.5	471.9	497.2	522.4	547.8	559.9	585.8	612.8
17.5°	416.0	443.0	469.8	496.5	528.2	559.8	591.5	623.0	645.9	681.8	709.7
20°	396.1	436.5	476.6	517.0	560.5	604.0	647.5	691.0	716.0	750.2	793.2
22.5°	397.0	439.8	482.4	525.2	585.3	645.2	705.3	765.2	832.3	898.1	919.1
25°	403.2	459.2	515.0	571.0	640.4	709.8	779.2	848.6	929.7	998.9	1026.7
27.5°	405.3	468.4	531.2	594.3	692.9	791.6	890.2	988.8	1085.5	1163.8	1193.5
30°	400.2	477.3	554.3	631.3	752.3	873.3	994.3	1115.3	1207.1	1298.2	1335.1
32.5°	401.4	499.7	598.0	696.3	838.8	981.5	1123.9	1266.4	1325.1	1407.2	1472.4
35°	409.9	517.7	625.3	733.1	890.7	1048.4	1206.0	1363.7	1459.8	1546.5	1601.8
37.5°	429.6	549.0	668.3	787.7	981.5	1175.4	1369.1	1562.9	1711.7	1860.6	1885.9
40°	444.2	570.3	696.5	822.6	1047.5	1272.4	1497.4	1722.3	1890.7	2052.2	2069.5
42.5°	460.8	598.9	737.1	875.2	1126.8	1378.3	1629.8	1881.3	2076.3	2241.0	2252.5
45°	478.9	621.1	763.0	905.0	1168.5	1431.8	1695.3	1958.7	2186.4	2377.7	2334.6
47.5°	487.6	639.6	791.6	943.6	1226.1	1508.5	1791.0	2073.3	2277.7	2446.4	2396.0
50°	494.2	661.4	828.7	995.9	1292.2	1588.4	1884.7	2181.0	2385.8	2541.5	2462.6
52.5°	513.1	700.0	887.0	1073.9	1389.0	1704.0	2019.1	2334.0	2532.2	2675.2	2564.6
55°	531.4	746.7	962.1	1177.3	1516.2	1855.3	2194.2	2533.1	2730.3	2852.9	2702.7
57.5°	554.5	791.9	1029.2	1266.4	1628.9	1991.4	2353.8	2716.3	2909.1	3044.6	2888.5
60°	548.5	802.1	1056.0	1309.6	1678.8	2048.0	2417.2	2786.4	3015.5	3182.0	3076.1
62.5°	525.2	776.8	1028.1	1279.7	1642.3	2004.8	2367.5	2730.0	3004.6	3230.1	3194.5
65°	478.2	712.0	945.9	1179.6	1525.9	1872.4	2218.7	2564.9	2903.8	3190.8	3203.5
67.5°	416.4	613.7	810.8	1008.0	1331.1	1654.1	1977.0	2300.0	2700.0	3034.7	3072.4
70°	350.9	499.0	647.3	795.4	1079.7	1364.0	1648.1	1932.4	2348.3	2685.1	2756.2
72.5°	281.3	376.6	471.7	566.8	772.0	977.0	1182.3	1387.3	1753.1	2014.5	2138.7
75°	182.3	225.6	269.0	312.3	449.0	585.5	722.2	858.7	1101.6	1294.1	1434.5
77.5°	81.2	90.0	98.6	107.4	213.0	318.5	424.0	529.5	635.0	751.2	784.2
80°	29.1	32.9	37.0	40.9	92.6	144.6	196.4	248.2	299.3	359.3	373.9
82.5°	12.2	12.2	12.0	11.8	30.3	48.8	67.3	85.8	99.2	114.0	116.8
85°	4.9	3.7	2.3	0.9	3.9	7.0	10.0	13.0	21.0	19.0	35.2
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: P366743
 CATALOG NUMBER: MSA-SA1B-727-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: P366743

CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4
2.5°	471.7	471.4	471.0	470.6	470.3	464.0	457.8	451.4	445.3	453.0	460.8
5°	572.6	581.8	590.9	600.3	609.4	612.1	614.7	617.4	620.0	625.6	631.3
7.5°	609.8	625.3	640.6	656.1	671.4	685.7	699.8	714.1	728.3	724.8	721.3
10°	596.9	624.9	653.0	681.1	709.1	715.3	721.5	727.8	734.0	750.0	766.0
12.5°	583.0	616.7	650.3	684.0	717.6	736.3	754.8	773.4	792.1	808.3	824.5
15°	649.1	670.6	692.1	713.7	735.2	751.6	767.8	784.2	800.4	811.7	822.7
17.5°	735.9	746.5	757.0	767.8	778.4	791.2	804.1	816.9	829.8	836.5	843.2
20°	827.7	832.3	836.8	841.4	846.0	835.8	825.6	815.4	805.1	811.5	817.6
22.5°	919.8	921.4	923.1	924.7	926.3	902.5	878.8	855.0	831.2	821.2	811.1
25°	1061.6	1050.0	1038.3	1026.7	1015.1	986.9	958.7	930.5	902.4	877.5	852.7
27.5°	1215.2	1175.7	1136.5	1097.0	1057.7	1029.5	1001.4	973.2	945.0	907.6	870.3
30°	1370.0	1306.4	1243.0	1179.4	1116.0	1082.6	1049.1	1015.4	982.0	944.6	907.5
32.5°	1512.0	1435.5	1359.1	1282.5	1206.0	1149.7	1093.3	1036.9	980.6	954.5	928.4
35°	1629.6	1539.3	1448.9	1358.4	1268.0	1212.2	1156.4	1100.5	1044.7	1005.9	967.4
37.5°	1830.8	1729.2	1627.5	1525.9	1424.3	1348.0	1271.9	1195.6	1119.4	1093.5	1067.6
40°	2016.3	1888.2	1760.2	1632.1	1504.1	1440.1	1376.4	1312.4	1248.7	1206.2	1163.9
42.5°	2163.7	2028.8	1894.0	1759.1	1624.2	1561.0	1497.9	1434.7	1371.4	1343.1	1314.9
45°	2195.6	2068.4	1941.4	1814.2	1687.1	1650.3	1613.6	1576.8	1540.2	1520.6	1501.2
47.5°	2258.5	2120.5	1982.8	1844.9	1707.0	1690.4	1673.9	1657.1	1640.6	1649.9	1659.2
50°	2293.7	2153.0	2012.2	1871.5	1730.7	1735.5	1740.1	1744.8	1749.6	1815.8	1881.9
52.5°	2362.0	2219.9	2077.7	1935.6	1793.5	1823.4	1853.2	1883.1	1912.9	2004.1	2095.2
55°	2484.1	2344.4	2204.7	2064.9	1925.2	1964.7	2004.1	2043.7	2083.2	2180.1	2276.8
57.5°	2665.0	2526.4	2387.9	2249.3	2110.9	2150.1	2189.4	2228.7	2268.0	2355.5	2442.9
60°	2892.7	2750.4	2608.3	2466.0	2323.8	2338.6	2353.2	2368.0	2382.8	2476.9	2570.8
62.5°	3070.1	2939.2	2808.5	2677.7	2547.0	2530.6	2514.4	2498.0	2481.8	2553.3	2624.7
65°	3111.3	3019.2	2927.3	2835.1	2743.0	2692.6	2642.4	2592.1	2541.7	2570.6	2599.5
67.5°	2993.3	2931.1	2869.1	2807.0	2744.8	2639.6	2534.5	2429.1	2324.0	2308.7	2293.3
70°	2719.4	2685.4	2651.6	2617.6	2583.8	2421.7	2259.9	2097.8	1936.0	1897.0	1858.1
72.5°	2145.9	2167.0	2188.2	2209.5	2230.6	2057.1	1883.8	1710.3	1536.8	1487.5	1438.4
75°	1513.2	1584.9	1656.6	1728.3	1800.0	1641.8	1483.8	1325.6	1167.5	1120.1	1072.9
77.5°	820.5	954.9	1089.2	1223.6	1358.0	1227.5	1097.2	966.7	836.1	803.2	770.4
80°	388.9	466.4	543.7	621.2	698.7	669.3	639.9	610.3	580.9	588.1	595.4
82.5°	119.2	175.3	231.3	287.3	343.3	347.7	351.9	356.3	360.7	371.7	382.4
85°	40.0	54.8	69.6	84.4	99.2	125.2	151.3	177.5	203.6	186.7	170.0
87.5°	0.0	0.5	0.9	1.4	1.8	5.5	9.2	12.9	16.6	14.3	12.2
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: P366743
 CATALOG NUMBER: MSA-SA1B-727-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: P366743

CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4
2.5°	468.7	476.5	476.6	477.0	477.2	477.3	478.2	479.1	480.2	481.0	475.2
5°	637.1	642.7	632.3	621.9	611.4	601.0	610.3	619.7	629.0	638.3	634.3
7.5°	717.6	714.1	712.8	711.8	710.5	709.5	713.0	716.5	720.1	723.6	723.2
10°	782.1	798.1	802.0	805.8	809.9	813.8	805.7	797.6	789.5	781.4	778.0
12.5°	840.7	856.9	869.8	882.6	895.7	908.5	896.9	885.5	873.8	862.4	851.5
15°	834.0	845.1	855.7	866.3	876.8	887.4	883.5	879.8	875.9	872.1	870.3
17.5°	850.1	856.7	854.3	851.8	849.2	846.7	845.5	844.4	843.2	841.9	837.7
20°	824.0	830.3	828.7	827.3	825.7	824.2	823.1	822.0	821.0	819.9	816.6
22.5°	801.1	791.0	788.4	785.9	783.3	780.8	781.2	781.5	781.7	782.1	797.2
25°	827.9	803.0	793.3	783.6	773.8	764.1	768.5	772.7	777.1	781.5	803.4
27.5°	832.8	795.4	779.9	764.4	748.9	733.4	749.3	765.2	781.0	796.9	832.3
30°	870.1	833.0	811.3	789.8	768.1	746.7	766.9	787.2	807.4	827.7	866.1
32.5°	902.2	876.1	860.6	845.1	829.6	814.1	815.0	815.7	816.6	817.5	871.5
35°	928.6	890.0	875.9	862.0	847.9	834.0	855.0	875.9	896.9	917.9	966.5
37.5°	1041.7	1015.8	989.9	964.2	938.3	912.6	929.3	946.0	963.0	979.7	1033.4
40°	1121.5	1079.2	1072.5	1066.0	1059.3	1052.8	1061.4	1069.9	1078.5	1087.1	1134.2
42.5°	1286.5	1258.2	1240.0	1222.1	1203.9	1185.9	1192.8	1199.7	1206.7	1213.6	1258.2
45°	1481.7	1462.1	1450.2	1438.2	1426.0	1414.1	1403.7	1393.4	1383.0	1372.8	1418.1
47.5°	1668.6	1677.9	1704.3	1730.6	1757.0	1783.2	1761.8	1740.3	1718.6	1697.1	1697.3
50°	1948.1	2014.2	2027.5	2040.8	2054.1	2067.4	2021.6	1975.8	1929.8	1884.0	1878.5
52.5°	2186.4	2277.5	2282.2	2287.0	2291.9	2296.7	2278.2	2259.7	2241.0	2222.5	2173.4
55°	2373.7	2470.4	2476.9	2483.2	2489.7	2496.1	2479.9	2463.8	2447.6	2431.4	2381.8
57.5°	2530.4	2617.8	2621.7	2625.4	2629.2	2633.1	2634.3	2635.6	2637.0	2638.2	2571.1
60°	2664.8	2758.9	2751.1	2743.6	2735.8	2728.2	2716.6	2705.0	2693.4	2681.7	2638.4
62.5°	2696.2	2767.7	2755.7	2743.9	2731.9	2720.1	2710.3	2700.6	2690.7	2680.8	2653.2
65°	2628.4	2657.2	2644.9	2632.6	2620.1	2607.7	2601.4	2595.2	2588.9	2582.6	2579.0
67.5°	2277.8	2262.5	2277.1	2291.8	2306.4	2321.0	2340.9	2360.8	2380.9	2400.8	2389.2
70°	1819.0	1780.1	1796.3	1812.3	1828.5	1844.5	1874.7	1904.8	1935.1	1965.2	1957.1
72.5°	1389.0	1339.7	1342.0	1344.3	1346.8	1349.1	1348.2	1347.5	1346.6	1345.7	1359.8
75°	1025.5	978.1	955.7	933.4	911.0	888.6	883.2	877.7	872.2	866.8	893.0
77.5°	737.5	704.7	689.4	674.3	658.9	643.8	651.5	659.3	667.2	675.0	684.1
80°	602.8	610.0	598.2	586.5	574.7	562.9	571.7	580.4	589.2	598.0	570.7
82.5°	393.3	404.1	367.8	331.5	295.2	258.9	280.9	303.0	325.2	347.2	335.9
85°	153.1	136.3	116.3	96.3	76.3	56.2	73.1	90.0	106.9	123.8	135.1
87.5°	9.9	7.8	6.2	4.6	2.8	1.2	2.6	4.1	5.6	7.0	11.8
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: P366743
 CATALOG NUMBER: MSA-SA1B-727-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: P366743

CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4	372.4
2.5°	469.6	463.8	458.1	447.0	435.9	424.8	413.8	429.3	444.8	460.3	475.8
5°	630.4	626.4	622.5	623.5	624.6	625.8	626.9	629.2	631.5	633.6	635.9
7.5°	723.1	722.7	722.3	714.2	706.1	697.9	689.8	693.8	697.9	701.9	706.0
10°	774.8	771.5	768.1	750.4	732.6	714.6	696.8	689.1	681.1	673.4	665.6
12.5°	840.5	829.4	818.5	799.5	780.7	761.6	742.6	735.6	728.3	721.3	714.1
15°	868.7	867.0	865.4	851.8	838.1	824.5	810.8	786.6	762.3	738.2	714.1
17.5°	833.5	829.1	824.9	846.4	867.7	889.2	910.6	885.6	860.6	835.6	810.6
20°	813.2	809.9	806.5	846.5	886.3	926.3	966.1	955.0	943.8	932.7	921.6
22.5°	812.4	827.7	842.8	877.9	912.8	947.8	982.7	1001.9	1021.3	1040.5	1059.7
25°	825.2	847.2	869.1	927.2	985.3	1043.6	1101.8	1123.8	1145.6	1167.6	1189.5
27.5°	867.5	902.9	938.1	988.8	1039.6	1090.5	1141.2	1189.3	1237.6	1285.6	1333.7
30°	904.3	942.7	981.1	1041.5	1101.8	1162.2	1222.4	1282.6	1342.9	1403.1	1463.4
32.5°	925.6	979.9	1033.9	1107.4	1180.7	1254.1	1327.6	1393.6	1459.7	1525.5	1591.6
35°	1015.1	1063.9	1112.5	1193.7	1274.9	1356.3	1437.5	1519.2	1600.9	1682.5	1764.2
37.5°	1087.1	1141.0	1194.8	1283.5	1372.1	1460.9	1549.7	1662.6	1775.7	1888.6	2001.5
40°	1181.2	1228.2	1275.3	1358.4	1441.4	1524.5	1607.6	1750.8	1894.0	2037.1	2180.3
42.5°	1302.6	1347.1	1391.7	1480.6	1569.6	1658.5	1747.5	1906.0	2064.5	2222.9	2381.4
45°	1463.4	1508.8	1554.1	1624.9	1695.7	1766.5	1837.3	2005.9	2174.3	2342.8	2511.2
47.5°	1697.5	1697.6	1697.8	1748.9	1800.0	1851.2	1902.3	2072.1	2241.7	2411.5	2581.2
50°	1873.1	1867.4	1862.0	1888.4	1914.6	1941.1	1967.5	2123.7	2280.1	2436.4	2592.6
52.5°	2124.4	2075.3	2026.3	2042.0	2057.5	2073.2	2088.7	2220.9	2353.4	2485.7	2618.0
55°	2332.3	2282.6	2232.9	2227.1	2221.3	2215.5	2209.7	2331.4	2453.1	2574.8	2696.5
57.5°	2504.2	2437.1	2370.1	2356.8	2343.5	2330.2	2316.8	2445.2	2573.4	2701.8	2830.0
60°	2595.2	2551.9	2508.6	2500.0	2491.1	2482.5	2473.7	2579.0	2684.4	2789.7	2895.0
62.5°	2625.7	2598.1	2570.6	2586.8	2603.0	2619.4	2635.6	2681.9	2728.1	2774.4	2820.5
65°	2575.7	2572.2	2568.6	2601.9	2635.1	2668.3	2701.6	2690.2	2678.6	2667.1	2655.7
67.5°	2377.7	2366.1	2354.6	2427.7	2500.7	2573.8	2646.9	2591.4	2535.7	2480.2	2424.7
70°	1949.0	1940.7	1932.6	2037.9	2143.3	2248.8	2354.1	2286.8	2219.5	2152.3	2085.0
72.5°	1373.7	1387.8	1401.9	1526.1	1650.1	1774.3	1898.3	1830.4	1762.6	1694.8	1627.0
75°	919.1	945.3	971.6	1099.5	1227.3	1355.4	1483.3	1403.7	1324.0	1244.4	1164.8
77.5°	693.3	702.4	711.6	792.5	873.3	954.3	1035.2	969.5	903.6	837.9	772.0
80°	543.4	515.9	488.6	515.2	541.8	568.4	595.0	555.7	516.4	477.3	438.1
82.5°	324.6	313.4	302.1	316.5	330.8	345.2	359.7	342.8	325.7	308.8	291.7
85°	146.2	157.5	168.6	183.2	197.6	212.2	226.9	203.3	179.7	156.1	132.5
87.5°	16.4	21.1	25.9	32.1	38.2	44.4	50.6	39.5	28.2	17.1	6.0
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: P366743
 CATALOG NUMBER: MSA-SA1B-727-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: P366743
 CATALOG NUMBER: MSA-SA1B-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	372.4	372.4
2.5°	484.7	493.7
5°	635.7	635.3
7.5°	695.4	684.7
10°	655.8	645.9
12.5°	688.9	663.7
15°	695.0	676.0
17.5°	779.6	748.4
20°	881.6	841.4
22.5°	1004.7	949.6
25°	1123.9	1058.4
27.5°	1294.5	1255.0
30°	1423.6	1383.6
32.5°	1564.5	1537.3
35°	1737.3	1710.1
37.5°	2008.5	2015.4
40°	2184.5	2188.7
42.5°	2397.8	2414.2
45°	2529.5	2547.9
47.5°	2606.7	2632.2
50°	2633.8	2675.0
52.5°	2668.9	2719.6
55°	2753.1	2809.6
57.5°	2875.1	2920.2
60°	2897.1	2899.3
62.5°	2787.9	2755.4
65°	2621.0	2586.3
67.5°	2403.8	2382.6
70°	2057.1	2029.3
72.5°	1575.2	1523.4
75°	1100.7	1036.6
77.5°	738.4	704.7
80°	439.1	440.0
82.5°	299.8	307.7
85°	130.9	129.1
87.5°	4.2	2.3
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: P366743
CATALOG NUMBER: MSA-SA1B-727-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)