

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: P367007

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

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367007
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-SA1D-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: 4183 lumens
Efficiency: N/A
Efficacy: 62.4 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

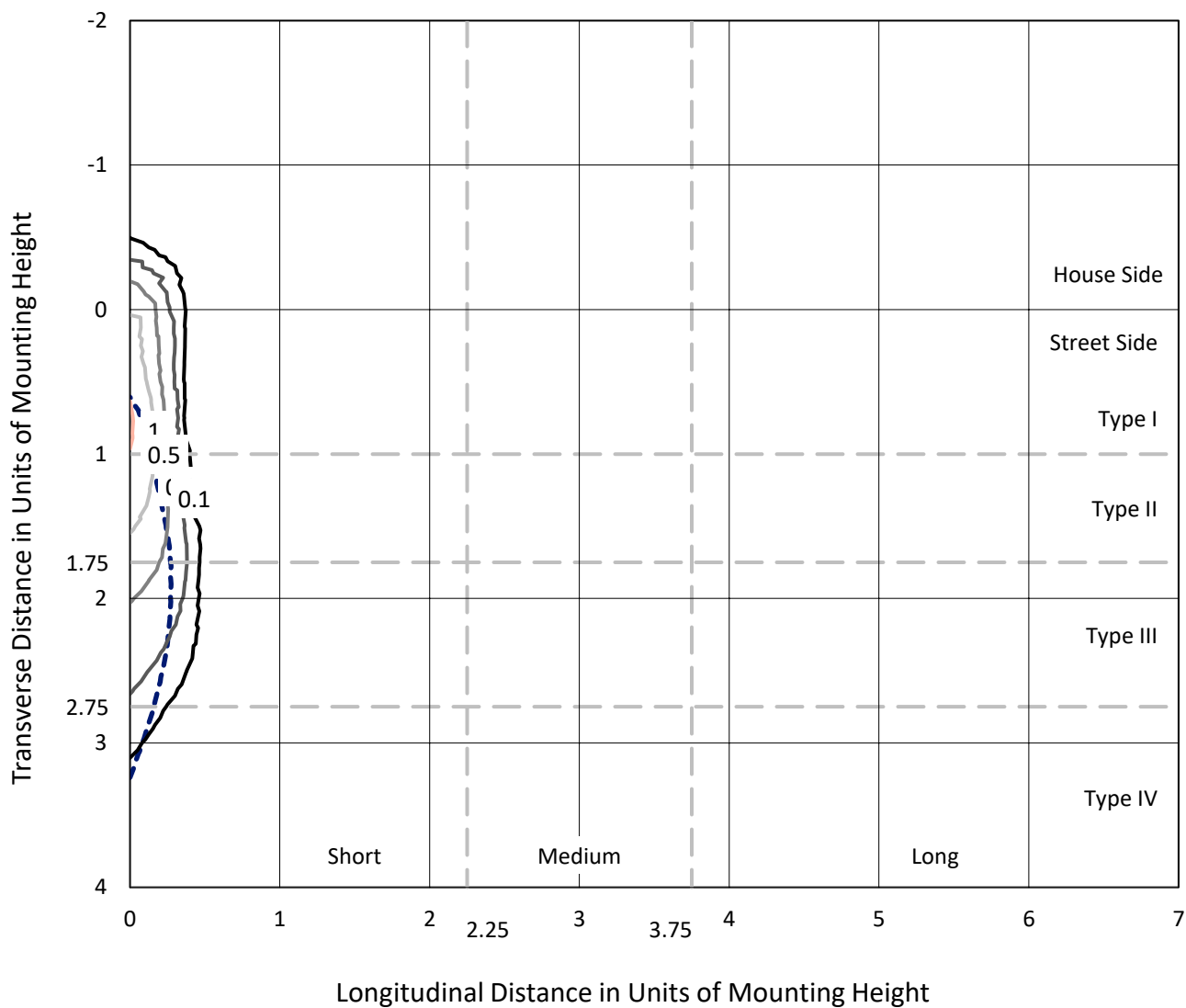
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

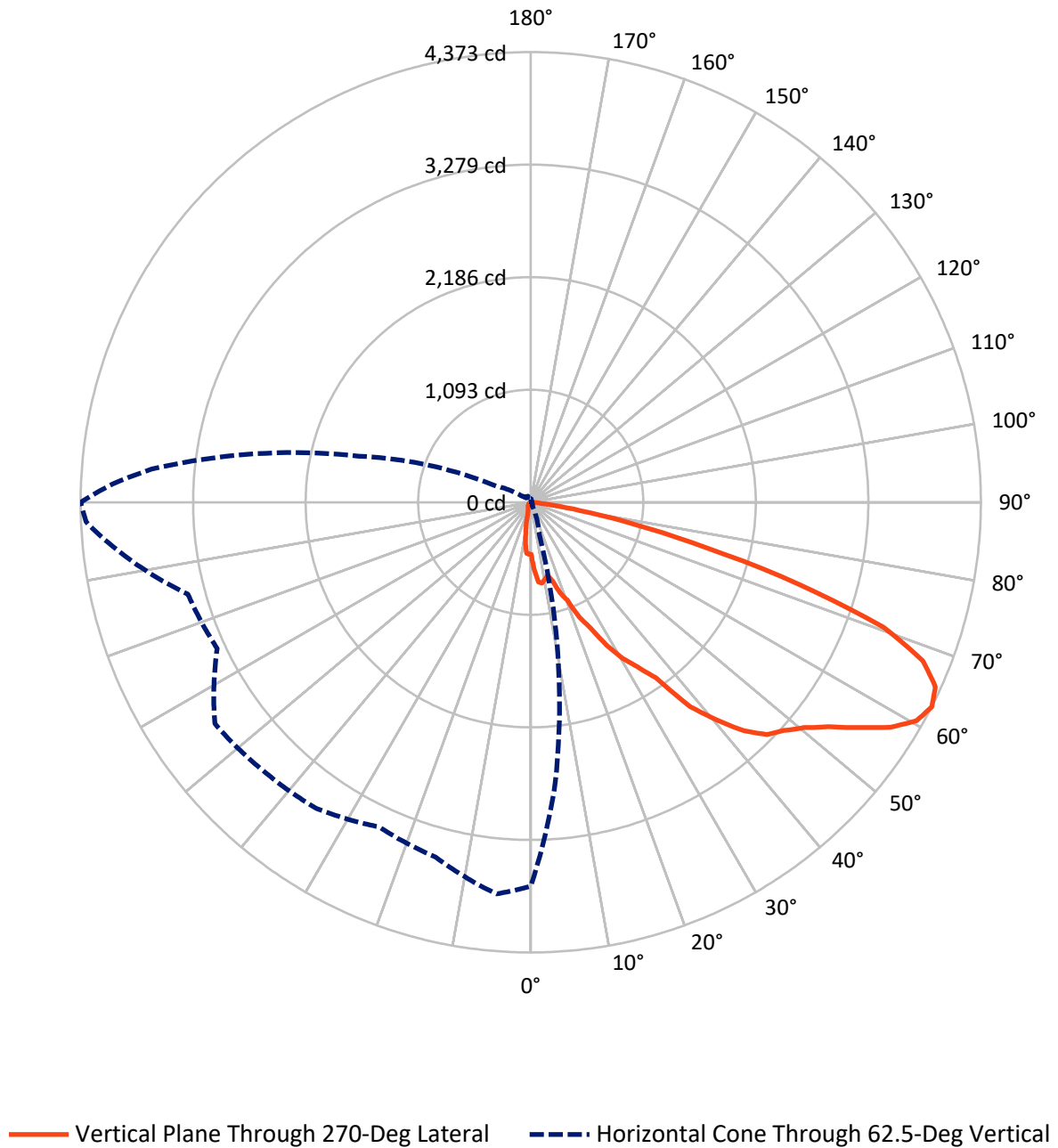
× Max cd
 --- 1/2 Max cd



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

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Luminous Intensity Polar Plot



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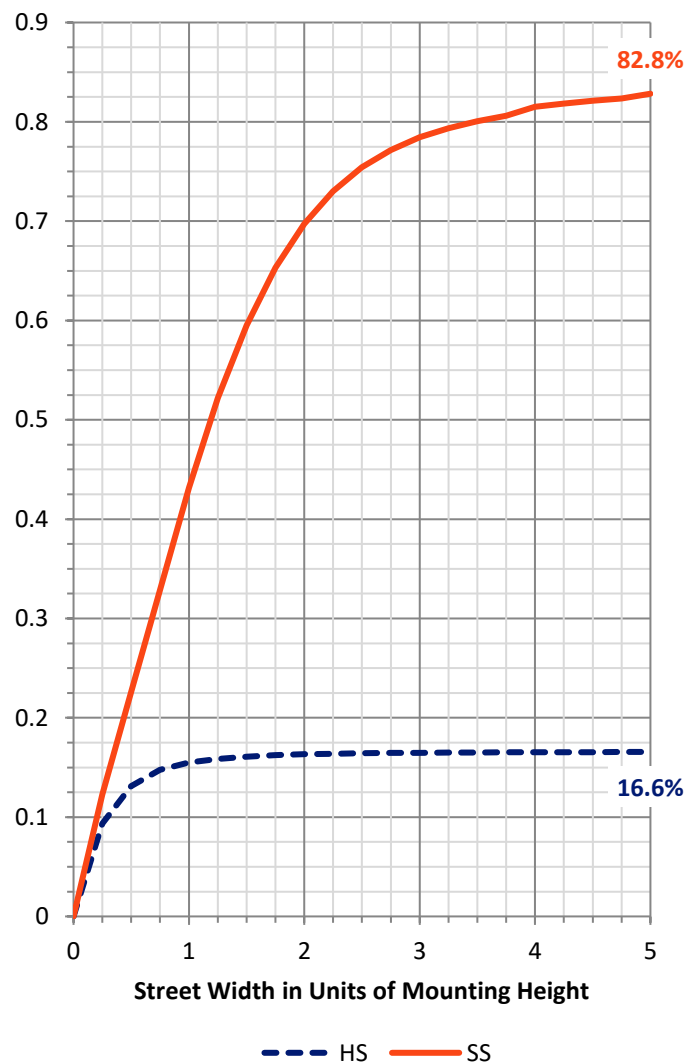
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	698.5	0.0	698.5
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	3484.5	0.0	3484.5
	% Fixture	83.3	0.0	83.3
Total	Lumens	4183.0	0.0	4183.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.3	1.3
10°-20°	147.1	3.5
20°-30°	237.8	5.7
30°-40°	398.3	9.5
40°-50°	651.1	15.6
50°-60°	963.8	23.0
60°-70°	1106.5	26.5
70°-80°	547.1	13.1
80°-90°	75.1	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°	4183.0	100.0
0°-180°	4183.0	100.0

Coefficient of Utilization



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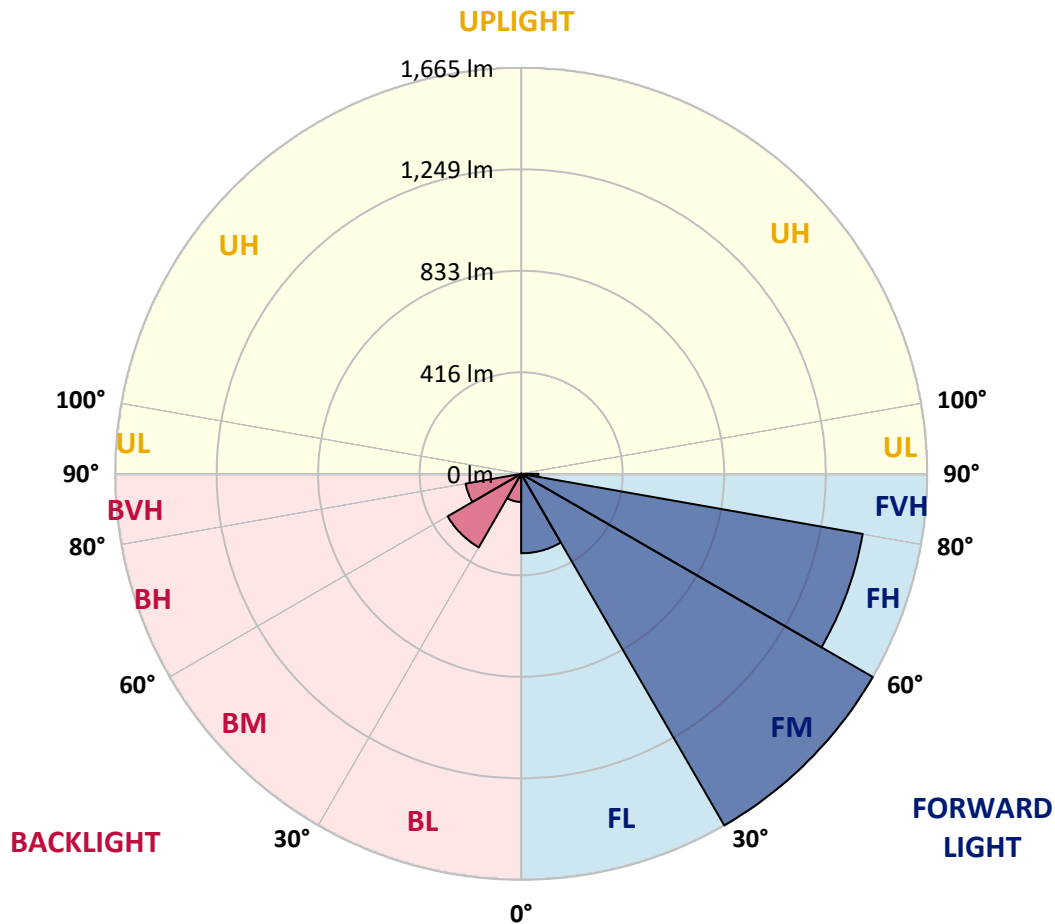
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	325.9	7.8			
FM	(30°-60°)	1665.0	39.8			
FH	(60°-80°)	1422.4	34.0			G1/1800
FVH	(80°-90°)	71.1	1.7			G1/100
BL	(0°-30°)	115.3	2.8	B1/500		
BM	(30°-60°)	348.1	8.3	B1/1000		
BH	(60°-80°)	231.1	5.5	B1/500		G1/500
BVH	(80°-90°)	4.0	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



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1
2.5°	668.4	676.7	684.8	669.3	653.8	638.3	622.8	609.0	595.2	581.1	567.3
5°	860.1	844.8	829.5	808.6	787.6	766.6	745.6	735.8	726.1	716.3	706.5
7.5°	926.8	899.7	872.2	853.6	835.3	816.7	798.1	768.7	739.2	709.8	680.3
10°	874.4	845.5	816.4	800.2	784.0	767.8	751.6	715.1	678.4	641.9	605.2
12.5°	898.5	867.2	836.0	802.6	769.2	735.8	702.5	674.6	646.4	618.5	590.4
15°	915.1	879.4	843.4	805.2	767.1	728.9	690.8	657.9	625.2	592.3	559.4
17.5°	1013.1	961.9	910.6	852.0	793.3	734.6	676.0	637.8	599.9	561.8	523.6
20°	1139.0	1066.3	993.4	914.0	834.6	755.2	675.8	628.3	580.9	533.4	485.9
22.5°	1285.5	1194.6	1103.5	1005.5	907.8	809.8	711.8	643.6	575.4	507.2	439.0
25°	1432.8	1350.8	1268.8	1136.9	1005.0	872.9	741.1	654.5	567.7	481.2	394.4
27.5°	1698.9	1552.3	1405.6	1237.8	1070.1	902.3	734.4	635.2	536.0	436.6	337.4
30°	1873.0	1760.2	1647.2	1425.4	1203.9	982.2	760.4	634.7	509.1	383.2	257.5
32.5°	2081.1	1916.1	1750.9	1510.3	1269.7	1029.1	788.5	640.9	493.1	345.5	197.7
35°	2315.1	2135.5	1956.0	1651.2	1346.5	1041.5	736.8	593.7	450.7	307.6	164.5
37.5°	2728.3	2427.8	2127.4	1772.1	1416.6	1061.3	705.8	563.0	419.9	277.1	134.0
40°	2962.9	2676.1	2389.2	1945.2	1501.2	1057.3	613.3	486.4	359.8	233.0	106.1
42.5°	3268.1	2904.3	2540.1	2043.9	1547.7	1051.5	555.3	438.0	320.7	203.2	85.8
45°	3449.1	3036.8	2624.6	2086.9	1549.2	1011.5	473.8	372.2	270.6	169.1	67.5
47.5°	3563.3	3149.8	2736.4	2159.1	1582.1	1004.8	427.5	334.1	240.6	147.1	53.6
50°	3621.3	3206.6	2791.7	2198.5	1605.2	1011.7	418.5	325.5	232.2	139.3	46.0
52.5°	3681.6	3281.7	2881.6	2266.7	1651.7	1036.8	421.8	326.9	232.2	137.3	42.4
55°	3803.4	3409.0	3014.4	2364.4	1714.4	1064.4	414.4	320.9	227.5	133.8	40.3
57.5°	3953.2	3531.6	3109.8	2435.9	1762.1	1088.3	414.4	320.5	226.5	132.3	38.4
60°	3924.8	3467.2	3009.4	2355.6	1701.8	1047.7	393.9	304.5	215.3	125.9	36.5
62.5°	3730.0	3233.3	2736.4	2132.2	1527.7	923.5	319.0	247.7	176.4	104.9	33.6
65°	3501.1	2973.9	2446.4	1890.4	1334.1	778.0	221.8	174.1	126.1	78.4	30.5
67.5°	3225.4	2663.2	2100.9	1606.4	1112.1	617.6	123.0	99.2	75.3	51.3	27.4
70°	2747.1	2166.7	1586.1	1206.1	826.2	446.1	66.0	55.8	45.5	35.3	25.0
72.5°	2062.3	1530.6	998.8	758.7	518.9	278.7	38.6	34.8	30.8	26.9	22.9
75°	1403.2	1004.8	606.4	461.6	317.1	172.4	27.7	25.8	23.6	21.7	19.6
77.5°	954.0	690.1	426.1	325.2	224.4	123.5	22.7	21.5	20.3	18.8	17.6
80°	595.6	407.7	219.8	169.3	118.5	68.0	17.2	16.5	15.7	14.8	14.1
82.5°	416.6	249.2	81.8	63.9	46.0	27.9	10.0	10.3	10.5	10.5	10.7
85°	174.8	94.4	14.1	11.9	9.8	7.6	5.5	6.0	6.7	7.2	7.6
87.5°	3.1	1.7	0.0	0.5	1.2	1.7	2.1	2.9	3.3	4.1	4.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1
2.5°	570.8	574.4	577.8	581.3	578.5	575.8	573.0	570.1	565.8	561.8	557.5
5°	694.6	682.7	670.7	658.8	640.7	622.6	604.2	586.1	583.9	581.8	579.4
7.5°	652.4	624.5	596.3	568.5	542.2	516.0	489.8	463.5	455.4	447.6	439.5
10°	583.7	562.3	540.6	519.1	500.3	481.2	462.3	443.3	423.5	403.7	383.7
12.5°	568.0	545.6	522.9	500.5	483.3	466.2	449.0	431.8	409.6	387.5	365.3
15°	535.1	510.7	486.4	462.1	439.2	416.3	393.2	370.3	343.6	316.9	290.2
17.5°	494.8	466.2	437.3	408.5	378.4	348.4	318.3	288.3	257.5	227.0	196.2
20°	446.8	407.7	368.4	329.3	292.1	254.9	217.5	180.3	160.9	141.9	122.6
22.5°	388.4	337.6	287.1	236.3	205.8	175.0	144.5	113.7	105.4	97.0	88.7
25°	336.9	279.5	222.0	164.5	145.2	125.9	106.6	87.3	83.5	79.4	75.6
27.5°	283.3	229.4	175.3	121.1	110.2	99.0	88.0	76.8	74.2	71.8	69.1
30°	217.2	176.9	136.4	96.1	88.9	81.8	74.4	67.2	66.0	64.6	63.4
32.5°	168.3	138.8	109.4	79.9	75.8	71.8	67.7	63.7	61.8	59.8	57.7
35°	140.7	117.1	93.2	69.4	66.5	63.4	60.6	57.5	55.6	53.4	51.5
37.5°	116.6	99.4	82.0	64.6	61.5	58.4	55.1	52.0	50.6	49.1	47.7
40°	96.1	86.1	76.1	66.0	61.5	57.0	52.5	47.9	46.7	45.5	44.4
42.5°	79.4	73.0	66.3	59.8	56.5	53.4	50.1	46.7	45.1	43.2	41.5
45°	64.1	60.6	57.2	53.6	53.9	54.1	54.1	54.4	50.1	45.5	41.3
47.5°	52.0	50.3	48.4	46.7	48.6	50.6	52.2	54.1	49.6	45.1	40.3
50°	44.6	43.4	42.0	40.5	42.4	44.6	46.5	48.4	46.5	44.8	42.9
52.5°	40.8	39.1	37.4	35.8	36.5	37.4	38.2	38.9	38.9	38.9	38.9
55°	38.4	36.7	34.8	32.9	32.2	31.2	30.5	29.6	28.4	27.4	26.2
57.5°	36.5	34.6	32.4	30.5	29.3	27.9	26.7	25.3	24.1	22.7	21.5
60°	34.6	32.7	30.5	28.6	27.4	26.2	24.8	23.6	22.2	21.0	19.6
62.5°	32.0	30.3	28.6	26.9	25.8	24.8	23.6	22.4	21.0	19.6	17.9
65°	29.1	27.9	26.5	25.0	23.8	22.7	21.5	20.3	18.8	17.6	16.2
67.5°	26.5	25.3	24.3	23.1	21.7	20.5	19.1	17.6	16.7	15.7	14.5
70°	24.3	23.4	22.7	21.7	20.3	19.1	17.6	16.2	15.5	14.5	13.8
72.5°	22.2	21.5	20.5	19.8	18.6	17.4	16.2	15.0	14.3	13.6	12.9
75°	19.1	18.6	18.1	17.6	16.5	15.3	13.8	12.6	12.4	12.2	11.9
77.5°	17.2	16.9	16.5	16.0	14.8	13.6	12.4	11.2	11.4	11.7	11.7
80°	14.1	14.1	13.8	13.8	12.9	11.9	10.7	9.8	10.3	11.0	11.4
82.5°	10.7	10.7	10.7	10.7	9.8	8.8	7.9	6.9	7.6	8.1	8.8
85°	7.4	7.2	6.9	6.7	6.0	5.5	4.8	4.1	5.0	5.7	6.7
87.5°	4.5	4.8	4.8	4.8	4.3	3.6	3.1	2.4	2.9	3.1	3.6
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



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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: P367007

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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1
2.5°	553.2	546.0	538.9	531.5	524.3	507.6	491.0	474.3	457.6	470.0	482.1
5°	577.3	563.4	549.4	535.5	521.5	515.3	509.3	503.1	496.9	497.9	499.1
7.5°	431.3	422.3	413.2	403.9	394.9	393.0	391.3	389.4	387.5	391.5	395.3
10°	363.9	351.2	338.4	325.7	312.8	305.9	299.0	292.1	285.2	284.5	283.5
12.5°	343.1	323.8	304.7	285.4	266.1	251.1	236.1	221.0	206.0	207.2	208.4
15°	263.5	244.2	225.1	205.8	186.5	174.3	161.9	149.7	137.3	133.8	130.2
17.5°	165.5	151.2	136.9	122.3	108.0	104.0	100.1	96.1	92.0	90.8	89.7
20°	103.2	97.0	90.8	84.4	78.2	77.3	76.3	75.3	74.4	75.1	75.8
22.5°	80.4	77.7	74.9	72.2	69.4	68.4	67.5	66.5	65.6	66.3	66.8
25°	71.5	69.6	67.7	65.8	63.9	62.9	61.8	60.8	59.6	60.1	60.8
27.5°	66.5	64.9	63.2	61.5	59.8	58.2	56.7	55.1	53.4	54.4	55.1
30°	62.0	60.1	58.4	56.5	54.6	52.9	51.3	49.4	47.7	48.6	49.6
32.5°	55.8	54.1	52.2	50.6	48.6	47.7	46.7	45.5	44.6	45.3	45.8
35°	49.4	47.9	46.7	45.3	43.9	42.9	42.2	41.3	40.3	40.5	41.0
37.5°	46.3	44.6	42.9	41.3	39.6	39.1	38.6	37.9	37.4	37.4	37.4
40°	43.2	41.5	39.8	37.9	36.2	35.5	34.8	34.1	33.4	33.4	33.4
42.5°	39.6	37.9	36.2	34.6	32.9	32.2	31.2	30.5	29.6	29.6	29.6
45°	36.7	35.1	33.6	32.0	30.3	29.1	27.9	26.5	25.3	25.0	24.8
47.5°	35.8	33.4	31.0	28.6	26.2	25.0	23.8	22.4	21.2	21.0	20.7
50°	41.0	36.2	31.5	26.7	21.9	21.0	20.0	19.1	18.1	17.6	17.4
52.5°	38.9	33.9	28.9	23.8	18.8	18.1	17.4	16.7	16.0	15.5	15.0
55°	25.0	22.9	21.0	18.8	16.7	16.2	15.7	15.0	14.5	14.1	13.6
57.5°	20.0	18.8	17.9	16.7	15.5	15.0	14.5	13.8	13.4	12.6	12.2
60°	18.1	17.2	16.2	15.3	14.3	13.8	13.4	12.9	12.4	11.7	11.2
62.5°	16.5	15.7	15.0	14.3	13.6	13.1	12.6	12.2	11.7	11.0	10.3
65°	14.8	14.3	13.8	13.4	12.9	12.4	11.9	11.2	10.7	10.0	9.3
67.5°	13.6	13.4	13.1	12.9	12.6	12.2	11.4	11.0	10.3	9.5	8.6
70°	12.9	12.9	12.9	12.6	12.6	12.2	11.4	11.0	10.3	9.3	8.6
72.5°	12.2	12.4	12.6	12.6	12.9	12.2	11.4	10.7	10.0	9.1	8.3
75°	11.7	11.9	12.2	12.2	12.4	11.9	11.4	10.7	10.3	9.3	8.3
77.5°	11.9	12.2	12.2	12.4	12.4	11.9	11.4	10.7	10.3	9.1	7.9
80°	11.9	11.7	11.4	11.0	10.7	9.8	8.8	7.6	6.7	5.2	4.1
82.5°	9.3	8.8	8.6	8.1	7.6	6.7	5.7	4.8	3.8	2.9	1.9
85°	7.4	6.9	6.7	6.2	5.7	5.0	4.1	3.3	2.4	1.9	1.2
87.5°	3.8	3.6	3.1	2.9	2.4	1.9	1.2	0.7	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: P367007

CATALOG NUMBER: MSA-SA1D-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: P367007

CATALOG NUMBER: MSA-SA1D-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°	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1
2.5°	494.5	506.7	505.0	503.4	511.2	519.1	513.4	507.9	502.2	496.4	484.5
5°	500.0	501.0	499.3	497.4	497.6	497.9	494.1	490.2	486.4	482.6	481.9
7.5°	399.4	403.2	408.5	413.5	413.7	413.7	410.8	408.0	404.9	402.0	403.4
10°	282.8	281.8	283.3	284.7	284.5	284.0	291.6	299.2	306.6	314.3	308.8
12.5°	209.4	210.5	204.6	198.6	200.8	202.7	203.9	205.1	206.3	207.4	210.8
15°	126.6	123.0	118.7	114.5	116.6	118.5	120.7	122.6	124.7	126.6	128.8
17.5°	88.2	87.0	85.1	83.0	83.2	83.5	83.7	83.9	83.9	84.2	84.6
20°	76.5	77.3	75.8	74.2	73.7	73.0	72.5	72.0	71.3	70.8	70.1
22.5°	67.5	68.0	68.2	68.2	67.2	66.0	65.1	64.4	63.4	62.5	62.0
25°	61.3	61.8	61.3	60.6	60.1	59.6	59.1	58.4	57.9	57.2	57.0
27.5°	56.0	56.7	56.7	56.5	56.0	55.3	54.1	53.2	52.0	50.8	51.0
30°	50.6	51.5	51.5	51.3	51.0	50.8	49.6	48.4	47.2	46.0	46.5
32.5°	46.5	47.0	46.7	46.5	46.5	46.3	45.3	44.6	43.6	42.7	42.7
35°	41.3	41.5	41.5	41.5	41.5	41.3	40.5	39.8	39.1	38.4	38.6
37.5°	37.4	37.4	38.2	38.6	38.2	37.7	37.2	36.5	36.0	35.3	35.3
40°	33.1	33.1	33.9	34.3	33.9	33.4	33.1	32.7	32.4	32.0	32.0
42.5°	29.3	29.3	30.0	30.5	30.5	30.3	29.8	29.3	28.9	28.4	28.6
45°	24.6	24.3	25.5	26.5	26.0	25.5	25.5	25.3	25.3	25.0	25.3
47.5°	20.3	20.0	21.0	21.9	21.7	21.2	21.2	21.2	21.2	21.2	21.5
50°	16.9	16.5	17.4	18.1	17.9	17.4	17.4	17.6	17.6	17.6	17.9
52.5°	14.5	14.1	14.8	15.3	15.0	14.8	14.8	15.0	15.0	15.0	15.3
55°	12.9	12.4	13.1	13.6	13.4	12.9	13.1	13.1	13.4	13.4	13.4
57.5°	11.4	10.7	11.2	11.7	11.7	11.4	11.7	11.7	11.9	11.9	11.9
60°	10.5	9.8	10.3	10.5	10.5	10.3	10.5	10.5	10.7	10.7	10.7
62.5°	9.3	8.6	9.1	9.3	9.3	9.1	9.3	9.3	9.5	9.5	9.5
65°	8.3	7.6	7.9	8.1	8.1	8.1	8.3	8.3	8.6	8.6	8.6
67.5°	7.9	6.9	7.2	7.4	7.4	7.4	7.6	7.6	7.9	7.9	8.1
70°	7.6	6.7	6.9	6.9	7.2	7.2	7.2	7.4	7.4	7.4	7.4
72.5°	7.4	6.4	6.4	6.4	6.7	6.7	6.7	6.9	6.9	6.9	6.9
75°	7.4	6.4	6.2	6.0	6.2	6.2	6.2	6.4	6.4	6.4	6.4
77.5°	6.4	5.2	4.8	4.1	4.8	5.2	5.5	5.5	5.7	5.7	5.7
80°	2.6	1.2	0.7	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7
82.5°	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.7	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: P367007

CATALOG NUMBER: MSA-SA1D-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: P367007

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

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1
2.5°	472.6	460.7	448.8	454.5	460.2	465.9	471.6	471.2	470.5	470.0	469.3
5°	481.4	480.7	480.0	476.7	473.6	470.2	466.9	466.2	465.2	464.5	463.5
7.5°	404.9	406.1	407.5	403.7	399.9	396.1	392.2	382.5	372.7	362.7	352.9
10°	303.3	297.6	292.1	291.6	291.1	290.7	290.2	289.2	288.3	287.1	286.1
12.5°	214.4	217.7	221.0	219.8	218.7	217.2	216.0	217.7	219.6	221.3	222.9
15°	130.7	132.8	134.7	139.0	143.3	147.6	151.9	153.6	155.5	157.1	158.8
17.5°	85.1	85.4	85.8	90.6	95.1	99.9	104.4	107.5	110.6	113.5	116.6
20°	69.4	68.7	68.0	70.6	73.2	75.8	78.4	81.3	84.2	87.0	89.9
22.5°	61.8	61.3	60.8	61.8	62.7	63.4	64.4	66.5	68.9	71.1	73.2
25°	56.7	56.3	56.0	56.5	57.0	57.5	57.9	59.1	60.3	61.5	62.7
27.5°	51.0	51.3	51.3	51.7	52.0	52.5	52.7	53.2	53.9	54.4	54.8
30°	46.7	47.2	47.5	47.9	48.2	48.6	48.9	48.6	48.4	48.2	47.9
32.5°	42.7	42.4	42.4	42.9	43.2	43.6	43.9	44.4	44.8	45.1	45.5
35°	38.6	38.9	38.9	38.9	39.1	39.1	39.1	39.6	40.3	40.8	41.3
37.5°	35.1	35.1	34.8	35.5	36.0	36.7	37.2	37.7	38.4	38.9	39.3
40°	32.0	32.0	32.0	32.4	32.9	33.1	33.6	34.8	36.0	37.2	38.4
42.5°	28.6	28.9	28.9	29.3	29.8	30.0	30.5	31.5	32.2	33.1	33.9
45°	25.5	25.8	26.0	26.5	26.7	27.2	27.4	27.9	28.1	28.6	28.9
47.5°	21.9	22.2	22.4	22.9	23.1	23.6	23.8	23.6	23.6	23.4	23.1
50°	18.4	18.6	18.8	19.6	20.0	20.7	21.2	20.7	20.3	19.6	19.1
52.5°	15.5	15.5	15.7	16.2	16.7	16.9	17.4	17.2	16.9	16.7	16.5
55°	13.4	13.4	13.4	13.6	13.8	14.1	14.3	14.5	14.5	14.8	14.8
57.5°	11.9	11.7	11.7	11.9	12.2	12.2	12.4	12.6	12.6	12.9	12.9
60°	10.7	10.5	10.5	10.7	11.0	11.2	11.4	11.4	11.4	11.2	11.2
62.5°	9.5	9.5	9.5	9.8	9.8	10.0	10.0	10.0	10.3	10.3	10.3
65°	8.8	8.8	8.8	8.8	8.8	8.6	8.6	8.8	8.8	9.1	9.1
67.5°	8.1	8.3	8.3	8.1	7.9	7.6	7.4	7.6	7.6	7.9	7.9
70°	7.4	7.4	7.4	7.2	6.9	6.7	6.4	6.4	6.4	6.2	6.2
72.5°	6.9	6.7	6.7	6.4	6.0	5.7	5.2	5.0	5.0	4.8	4.5
75°	6.4	6.2	6.2	5.7	5.2	4.8	4.3	4.1	3.6	3.3	2.9
77.5°	5.7	5.7	5.7	5.0	4.5	3.8	3.1	2.6	2.1	1.4	1.0
80°	1.9	2.1	2.4	2.1	2.1	1.9	1.7	1.2	1.0	0.5	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: P367007

CATALOG NUMBER: MSA-SA1D-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: P367007

CATALOG NUMBER: MSA-SA1D-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°	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1
2.5°	471.9	474.5	477.1	479.7	480.0	480.2	480.5	480.7	474.7	468.5	462.6
5°	468.3	473.3	478.1	482.8	480.2	477.6	475.0	472.4	472.1	472.1	471.9
7.5°	353.6	354.1	354.8	355.3	356.2	357.2	357.9	358.9	362.7	366.5	370.1
10°	283.0	279.9	276.6	273.5	271.1	268.5	266.1	263.5	265.4	267.5	269.4
12.5°	220.3	217.7	214.8	212.2	211.3	210.3	209.1	208.2	214.4	220.6	226.5
15°	158.3	157.9	157.1	156.7	159.8	162.9	166.0	169.1	174.3	179.3	184.6
17.5°	117.8	119.0	120.2	121.4	123.3	125.2	126.9	128.8	132.6	136.6	140.4
20°	91.3	93.0	94.4	95.9	95.4	94.9	94.2	93.7	96.8	99.9	102.8
22.5°	74.6	75.8	77.3	78.4	78.7	78.9	79.2	79.4	81.3	83.0	84.9
25°	63.9	65.3	66.5	67.7	68.0	68.2	68.4	68.7	71.1	73.4	75.6
27.5°	56.5	57.9	59.6	61.0	61.5	62.0	62.5	62.9	64.4	65.6	67.0
30°	49.8	51.7	53.6	55.6	56.3	57.0	57.7	58.4	59.8	61.5	62.9
32.5°	46.5	47.7	48.6	49.6	51.3	52.7	54.4	55.8	57.5	59.4	61.0
35°	42.7	43.9	45.3	46.5	47.7	48.9	49.8	51.0	52.0	52.9	53.6
37.5°	40.3	41.5	42.4	43.4	43.9	44.4	44.6	45.1	45.5	46.0	46.3
40°	38.4	38.2	38.2	37.9	38.4	39.1	39.6	40.1	41.5	42.7	44.1
42.5°	33.4	32.7	32.2	31.5	32.7	33.6	34.8	35.8	37.7	39.6	41.5
45°	28.4	27.9	27.2	26.7	28.4	30.0	31.7	33.4	35.5	37.4	39.6
47.5°	23.4	23.6	23.6	23.8	25.5	27.2	28.6	30.3	32.4	34.6	36.7
50°	19.6	20.0	20.5	21.0	22.7	24.1	25.8	27.2	29.6	31.7	34.1
52.5°	17.2	17.9	18.4	19.1	20.5	22.2	23.6	25.0	27.2	29.3	31.5
55°	15.5	16.5	17.2	17.9	19.1	20.3	21.5	22.7	24.8	26.9	28.9
57.5°	13.6	14.3	15.0	15.7	16.9	18.1	19.1	20.3	22.2	24.3	26.2
60°	11.9	12.4	13.1	13.6	14.5	15.7	16.7	17.6	19.6	21.5	23.1
62.5°	10.5	11.0	11.2	11.4	12.4	13.4	14.3	15.3	16.9	18.8	20.5
65°	9.3	9.5	9.5	9.8	10.5	11.4	12.2	12.9	14.8	16.5	18.4
67.5°	7.9	8.1	8.1	8.1	8.8	9.5	10.3	11.0	12.6	14.5	16.2
70°	6.2	6.4	6.4	6.4	7.2	8.1	8.8	9.5	11.0	12.4	13.8
72.5°	4.8	4.8	5.0	5.0	5.7	6.7	7.4	8.1	9.3	10.5	11.7
75°	3.1	3.3	3.3	3.6	4.3	5.2	6.0	6.7	7.9	9.1	10.0
77.5°	1.2	1.7	1.9	2.1	2.9	3.6	4.3	5.0	6.0	7.2	8.1
80°	0.0	0.2	0.2	0.2	0.7	1.0	1.4	1.7	2.4	3.3	4.1
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: P367007

CATALOG NUMBER: MSA-SA1D-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: P367007

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

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1
2.5°	456.4	469.5	482.6	495.7	508.8	525.1	541.3	543.7	546.0	543.2	540.6
5°	471.6	478.1	484.3	490.7	496.9	515.5	533.9	534.1	534.1	534.4	534.4
7.5°	373.9	379.4	384.8	390.1	395.6	407.7	419.9	424.4	428.7	427.8	426.8
10°	271.3	278.5	285.4	292.6	299.5	310.7	321.9	326.2	330.2	343.4	356.7
12.5°	232.7	239.6	246.6	253.2	260.1	271.6	283.0	291.4	299.5	307.6	315.7
15°	189.6	195.0	200.8	206.3	211.7	217.0	222.2	232.5	242.5	250.6	258.7
17.5°	144.3	146.6	148.8	151.2	153.3	155.7	158.1	162.4	166.4	173.6	180.5
20°	105.9	107.8	109.7	111.4	113.3	115.6	118.0	121.1	124.0	125.7	127.1
22.5°	86.6	89.4	92.3	94.9	97.8	99.4	101.1	102.1	103.0	103.7	104.4
25°	78.0	80.6	83.0	85.6	88.0	88.7	89.4	91.3	93.2	93.2	93.2
27.5°	68.2	71.8	75.6	79.2	82.7	83.7	84.4	85.1	85.6	84.6	83.5
30°	64.4	68.0	71.5	74.9	78.4	79.9	81.1	81.8	82.5	81.3	80.1
32.5°	62.7	66.0	69.1	72.5	75.6	77.5	79.2	81.1	82.7	83.0	83.5
35°	54.6	56.7	59.1	61.3	63.4	64.4	65.3	66.0	66.5	66.5	66.5
37.5°	46.7	49.6	52.7	55.6	58.4	60.6	62.7	62.9	62.9	63.4	64.1
40°	45.3	48.2	51.0	53.6	56.5	58.9	61.0	61.3	61.5	62.0	62.5
42.5°	43.4	46.5	49.6	52.7	55.8	58.2	60.3	60.3	60.1	60.8	61.3
45°	41.5	44.6	47.5	50.6	53.4	56.5	59.4	58.7	57.7	58.9	59.8
47.5°	38.9	42.2	45.5	48.6	52.0	54.8	57.5	57.0	56.3	57.5	58.7
50°	36.2	39.6	42.9	46.3	49.6	52.7	55.6	55.1	54.6	56.0	57.2
52.5°	33.6	37.0	40.5	43.9	47.2	49.8	52.2	52.0	51.7	53.2	54.8
55°	31.0	34.1	37.4	40.5	43.6	46.5	49.1	48.6	48.2	49.4	50.6
57.5°	28.1	31.2	34.1	37.2	40.1	42.4	44.6	43.9	43.2	44.6	46.0
60°	25.0	27.9	30.8	33.4	36.2	38.2	39.8	39.3	38.6	40.1	41.5
62.5°	22.2	24.8	27.4	29.8	32.4	33.9	35.3	34.8	34.3	35.8	37.4
65°	20.0	22.2	24.1	26.2	28.1	29.6	31.0	30.3	29.6	31.2	32.7
67.5°	17.9	19.6	21.5	23.1	24.8	26.0	27.2	26.7	26.0	27.2	28.4
70°	15.3	16.9	18.6	20.0	21.7	22.9	24.1	23.4	22.4	23.6	24.8
72.5°	12.9	14.3	15.7	16.9	18.4	19.3	20.3	19.6	18.8	19.8	20.7
75°	11.2	12.4	13.6	14.5	15.7	16.2	16.7	16.5	16.0	16.9	17.6
77.5°	9.1	10.0	11.2	12.2	13.1	13.1	13.1	13.4	13.4	14.3	15.5
80°	4.8	5.7	6.7	7.4	8.3	8.3	8.1	8.6	8.8	10.0	11.2
82.5°	0.0	0.7	1.4	2.1	2.9	2.6	2.1	2.4	2.4	2.9	3.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5
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: P367007

CATALOG NUMBER: MSA-SA1D-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: P367007

CATALOG NUMBER: MSA-SA1D-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°	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1
2.5°	537.7	534.8	532.9	531.3	529.3	527.4	529.8	532.2	534.4	536.7	543.9
5°	534.6	534.6	532.9	531.3	529.6	527.9	531.5	534.8	538.4	541.7	541.5
7.5°	425.6	424.7	434.7	444.5	454.5	464.3	466.9	469.5	471.9	474.5	473.8
10°	369.8	382.9	387.2	391.5	395.8	400.1	405.4	410.6	415.8	421.1	423.0
12.5°	323.8	331.9	345.7	359.3	373.2	386.8	393.7	400.8	407.7	414.7	428.2
15°	266.8	274.9	286.8	298.8	310.7	322.6	333.6	344.8	355.8	366.7	383.2
17.5°	187.7	194.6	203.6	212.7	221.5	230.6	247.5	264.4	281.4	298.3	315.7
20°	128.8	130.2	134.5	139.0	143.3	147.6	162.9	178.4	193.6	208.9	231.8
22.5°	104.9	105.6	107.8	109.9	111.8	114.0	121.8	130.0	137.8	145.7	164.3
25°	93.0	93.0	94.4	95.9	97.3	98.7	103.0	107.3	111.4	115.6	127.6
27.5°	82.5	81.3	83.5	85.6	87.7	89.9	93.0	96.3	99.4	102.5	110.6
30°	78.9	77.7	80.4	83.0	85.6	88.2	91.3	94.4	97.3	100.4	105.9
32.5°	83.7	83.9	84.9	85.8	86.6	87.5	88.9	90.6	92.0	93.5	98.2
35°	66.5	66.5	68.2	69.9	71.3	73.0	75.6	78.2	80.8	83.5	88.5
37.5°	64.6	65.1	66.5	68.2	69.6	71.1	74.4	78.0	81.3	84.6	88.7
40°	62.7	63.2	65.1	67.0	68.9	70.8	74.2	77.3	80.6	83.7	87.5
42.5°	62.0	62.5	64.9	67.5	69.9	72.2	75.1	78.0	80.6	83.5	88.7
45°	61.0	62.0	64.9	68.0	70.8	73.7	76.3	78.9	81.5	84.2	90.6
47.5°	59.6	60.8	64.1	67.2	70.6	73.7	78.7	83.9	88.9	93.9	97.0
50°	58.7	59.8	63.4	67.0	70.6	74.2	82.3	90.4	98.2	106.3	104.7
52.5°	56.3	57.7	62.2	66.8	71.3	75.8	83.0	90.1	97.3	104.4	101.1
55°	51.7	52.9	58.2	63.4	68.4	73.7	78.9	84.2	89.2	94.4	90.6
57.5°	47.2	48.6	53.6	58.7	63.4	68.4	71.1	73.7	76.3	78.9	77.5
60°	42.9	44.4	51.0	57.7	64.4	71.1	68.7	66.3	63.7	61.3	62.9
62.5°	38.9	40.3	46.7	52.9	59.4	65.6	62.2	58.9	55.6	52.2	54.8
65°	34.3	35.8	38.2	40.8	43.2	45.5	45.3	44.8	44.6	44.1	47.0
67.5°	29.6	30.8	32.0	33.4	34.6	35.8	36.5	37.4	38.2	38.9	41.3
70°	25.8	26.9	28.4	29.6	31.0	32.2	32.7	33.1	33.4	33.9	36.0
72.5°	21.5	22.4	24.3	26.2	27.9	29.8	30.0	30.0	30.3	30.3	32.0
75°	18.6	19.3	20.7	22.2	23.4	24.8	25.5	26.2	26.7	27.4	28.4
77.5°	16.5	17.4	17.9	18.1	18.6	18.8	19.3	19.8	20.3	20.7	21.0
80°	12.2	13.4	13.8	14.1	14.5	14.8	14.8	14.5	14.5	14.3	14.5
82.5°	3.8	4.3	5.0	5.7	6.4	7.2	7.4	7.6	7.6	7.9	7.6
85°	0.7	1.0	1.4	1.9	2.1	2.6	2.4	1.9	1.7	1.2	1.0
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: P367007

CATALOG NUMBER: MSA-SA1D-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: P367007

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1
2.5°	551.0	558.0	565.1	562.3	559.4	556.5	553.7	554.1	554.9	555.3	555.8
5°	541.3	540.8	540.6	548.7	557.0	565.1	573.2	582.0	591.1	599.9	608.7
7.5°	473.1	472.1	471.4	481.9	492.4	502.9	513.4	525.5	537.9	550.1	562.3
10°	424.9	426.8	428.7	433.0	437.5	441.8	446.1	457.8	469.5	480.9	492.6
12.5°	441.8	455.2	468.8	471.4	473.8	476.4	478.8	480.5	482.1	483.8	485.5
15°	399.9	416.3	432.8	439.7	446.4	453.3	460.0	477.6	495.0	512.7	530.1
17.5°	333.1	350.3	367.7	388.4	409.2	429.9	450.7	469.7	488.8	507.9	527.0
20°	254.9	277.8	300.7	326.9	353.4	379.6	405.8	424.9	443.7	462.8	481.7
22.5°	183.1	201.7	220.3	252.0	283.5	315.2	346.7	379.8	413.2	446.4	479.5
25°	139.5	151.2	163.1	194.3	225.6	256.6	287.8	333.3	378.9	424.4	470.0
27.5°	118.5	126.6	134.5	162.6	190.8	218.7	246.8	300.9	355.0	409.2	463.3
30°	111.6	117.1	122.6	146.4	170.5	194.3	218.2	273.0	327.9	382.7	437.5
32.5°	103.0	107.5	112.3	133.3	154.3	175.0	196.0	249.7	303.3	356.7	410.4
35°	93.2	98.2	103.0	124.0	145.0	165.7	186.7	242.3	297.8	353.4	408.9
37.5°	92.5	96.6	100.4	124.7	149.3	173.6	197.9	253.5	309.0	364.3	419.9
40°	91.6	95.4	99.2	124.0	148.6	173.3	197.9	256.1	314.3	372.4	430.6
42.5°	93.9	99.0	104.2	126.1	148.1	169.8	191.7	253.0	314.3	375.3	436.6
45°	97.3	103.7	110.2	130.2	150.2	170.2	190.3	256.8	323.3	389.6	456.1
47.5°	100.4	103.5	106.6	125.7	144.5	163.6	182.4	250.4	318.3	386.3	454.2
50°	103.2	101.6	99.9	120.9	141.9	162.6	183.6	248.5	313.1	377.9	442.6
52.5°	97.5	94.2	90.6	113.0	135.4	157.6	180.0	245.4	310.7	376.0	441.4
55°	86.8	83.0	79.2	101.3	123.3	145.5	167.4	232.5	297.6	362.7	427.8
57.5°	75.8	74.4	72.7	89.7	106.6	123.3	140.2	212.5	284.9	357.2	429.4
60°	64.6	66.0	67.7	79.9	92.0	104.0	116.1	186.9	257.5	328.3	398.9
62.5°	57.2	59.8	62.2	72.5	83.0	93.2	103.5	170.2	237.0	303.8	370.5
65°	50.1	52.9	55.8	68.0	80.4	92.5	104.7	161.2	217.7	274.2	330.7
67.5°	43.6	45.8	48.2	64.1	80.1	96.1	112.1	158.3	204.3	250.6	296.6
70°	38.2	40.1	42.2	60.8	79.4	98.0	116.6	155.9	195.5	234.9	274.2
72.5°	33.6	35.3	37.0	55.8	74.6	93.5	112.3	147.4	182.2	217.2	252.0
75°	29.3	30.0	31.0	47.0	62.7	78.7	94.4	117.8	141.4	164.8	188.1
77.5°	21.2	21.2	21.5	26.2	30.8	35.5	40.1	54.6	69.1	83.5	98.0
80°	14.5	14.8	14.8	16.7	18.4	20.3	21.9	25.0	27.9	31.0	33.9
82.5°	7.4	6.9	6.7	8.6	10.5	12.4	14.3	15.0	15.5	16.2	16.7
85°	0.7	0.2	0.0	1.2	2.4	3.6	4.8	5.7	6.7	7.6	8.6
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: P367007

CATALOG NUMBER: MSA-SA1D-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: P367007

CATALOG NUMBER: MSA-SA1D-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°	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1
2.5°	553.9	552.0	550.1	548.2	559.9	571.8	583.5	595.2	628.3	650.0	647.6
5°	617.3	625.9	634.5	643.1	656.9	671.0	684.8	698.6	747.8	777.8	782.1
7.5°	575.6	588.7	602.1	615.2	641.9	668.4	695.1	721.5	761.8	793.1	810.7
10°	507.6	522.7	537.5	552.5	582.5	612.8	642.8	672.9	718.2	761.4	783.5
12.5°	509.1	532.7	556.3	579.9	606.1	632.4	658.3	684.6	712.2	726.8	758.0
15°	548.7	567.3	585.9	604.5	638.8	673.1	707.2	741.6	758.0	793.1	829.5
17.5°	563.2	599.7	635.9	672.2	715.1	757.8	800.7	843.4	874.4	923.0	960.7
20°	536.3	590.9	645.2	699.8	758.7	817.6	876.5	935.4	969.3	1015.5	1073.7
22.5°	537.5	595.4	653.1	711.0	792.4	873.4	954.7	1035.8	1126.6	1215.8	1244.2
25°	545.8	621.6	697.2	773.0	867.0	960.9	1054.9	1148.8	1258.5	1352.2	1389.9
27.5°	548.7	634.0	719.1	804.5	938.0	1071.6	1205.1	1338.6	1469.5	1575.4	1615.7
30°	541.7	646.2	750.4	854.6	1018.4	1182.2	1346.0	1509.8	1634.1	1757.3	1807.4
32.5°	543.4	676.5	809.5	942.6	1135.5	1328.6	1521.5	1714.4	1793.8	1904.9	1993.2
35°	554.9	700.8	846.5	992.4	1205.8	1419.2	1632.6	1846.0	1976.2	2093.5	2168.4
37.5°	581.6	743.2	904.7	1066.3	1328.6	1591.1	1853.4	2115.7	2317.2	2518.7	2553.0
40°	601.4	772.1	942.8	1113.5	1418.0	1722.5	2027.0	2331.5	2559.5	2778.1	2801.5
42.5°	623.8	810.7	997.9	1184.8	1525.3	1865.8	2206.3	2546.8	2810.8	3033.7	3049.2
45°	648.3	840.8	1032.9	1225.1	1581.8	1938.3	2295.0	2651.5	2959.8	3218.8	3160.3
47.5°	660.0	865.8	1071.6	1277.3	1659.8	2042.0	2424.5	2806.7	3083.3	3311.8	3243.6
50°	669.1	895.4	1121.9	1348.2	1749.2	2150.3	2551.4	2952.4	3229.7	3440.5	3333.7
52.5°	694.6	947.6	1200.8	1453.8	1880.4	2306.7	2733.3	3159.6	3427.9	3621.5	3471.7
55°	719.4	1010.8	1302.4	1593.8	2052.5	2511.5	2970.3	3429.1	3696.1	3862.1	3658.7
57.5°	750.6	1072.0	1393.2	1714.4	2205.1	2695.9	3186.3	3677.0	3938.1	4121.5	3910.2
60°	742.5	1085.9	1429.5	1772.8	2272.6	2772.4	3272.2	3771.9	4082.2	4307.5	4164.2
62.5°	711.0	1051.5	1391.8	1732.3	2223.3	2714.0	3204.9	3695.6	4067.4	4372.6	4324.4
65°	647.4	963.8	1280.4	1596.9	2065.6	2534.7	3003.4	3472.2	3931.0	4319.4	4336.6
67.5°	563.7	830.7	1097.6	1364.6	1801.9	2239.2	2676.3	3113.6	3655.1	4108.2	4159.2
70°	475.0	675.5	876.3	1076.8	1461.7	1846.5	2231.1	2616.0	3178.9	3634.8	3731.2
72.5°	380.8	509.8	638.6	767.3	1045.1	1322.7	1600.4	1878.0	2373.2	2727.1	2895.2
75°	246.8	305.4	364.1	422.8	607.8	792.6	977.6	1162.4	1491.2	1751.8	1941.9
77.5°	109.9	121.8	133.5	145.5	288.3	431.1	573.9	716.8	859.6	1017.0	1061.6
80°	39.3	44.6	50.1	55.3	125.4	195.8	265.9	336.0	405.1	486.4	506.2
82.5°	16.5	16.5	16.2	16.0	41.0	66.0	91.1	116.1	134.2	154.3	158.1
85°	6.7	5.0	3.1	1.2	5.2	9.5	13.6	17.6	28.4	25.8	47.7
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: P367007
 CATALOG NUMBER: MSA-SA1D-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: P367007

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1
2.5°	638.6	638.1	637.6	637.1	636.6	628.1	619.7	611.1	602.8	613.3	623.8
5°	775.2	787.6	800.0	812.6	825.0	828.6	832.2	835.7	839.3	847.0	854.6
7.5°	825.5	846.5	867.2	888.2	908.9	928.3	947.3	966.7	986.0	981.2	976.4
10°	808.1	846.0	883.9	922.1	960.0	968.3	976.7	985.3	993.6	1015.3	1037.0
12.5°	789.3	834.8	880.3	925.9	971.4	996.7	1021.7	1047.0	1072.3	1094.2	1116.2
15°	878.7	907.8	936.8	966.2	995.3	1017.4	1039.4	1061.6	1083.5	1098.8	1113.8
17.5°	996.2	1010.5	1024.8	1039.4	1053.7	1071.1	1088.5	1105.9	1123.3	1132.4	1141.4
20°	1120.4	1126.6	1132.8	1139.0	1145.2	1131.4	1117.6	1103.8	1089.9	1098.5	1106.9
22.5°	1245.2	1247.3	1249.7	1251.8	1254.0	1221.8	1189.6	1157.4	1125.2	1111.6	1098.0
25°	1437.1	1421.4	1405.6	1389.9	1374.2	1336.0	1297.9	1259.7	1221.5	1187.9	1154.3
27.5°	1645.0	1591.6	1538.4	1485.0	1431.9	1393.7	1355.6	1317.4	1279.3	1228.7	1178.2
30°	1854.6	1768.5	1682.7	1596.6	1510.8	1465.5	1420.2	1374.6	1329.3	1278.8	1228.5
32.5°	2046.8	1943.3	1839.8	1736.1	1632.6	1556.3	1480.0	1403.7	1327.4	1292.1	1256.8
35°	2206.1	2083.8	1961.4	1838.9	1716.6	1641.0	1565.4	1489.8	1414.2	1361.8	1309.5
37.5°	2478.4	2340.8	2203.2	2065.6	1928.1	1824.8	1721.8	1618.6	1515.3	1480.3	1445.2
40°	2729.5	2556.1	2382.8	2209.4	2036.1	1949.5	1863.2	1776.6	1690.3	1632.9	1575.6
42.5°	2929.0	2746.4	2564.0	2381.3	2198.7	2113.1	2027.7	1942.1	1856.5	1818.1	1780.0
45°	2972.2	2800.1	2628.1	2456.0	2283.8	2234.0	2184.4	2134.6	2085.0	2058.5	2032.3
47.5°	3057.3	2870.6	2684.2	2497.5	2310.8	2288.3	2265.9	2243.3	2220.9	2233.5	2246.1
50°	3105.0	2914.5	2724.0	2533.5	2343.0	2349.4	2355.6	2362.0	2368.5	2458.1	2547.5
52.5°	3197.5	3005.1	2812.7	2620.3	2427.8	2468.4	2508.7	2549.2	2589.5	2713.0	2836.3
55°	3362.8	3173.7	2984.6	2795.3	2606.2	2659.6	2713.0	2766.7	2820.1	2951.2	3082.1
57.5°	3607.7	3420.0	3232.6	3044.9	2857.5	2910.7	2963.9	3017.0	3070.2	3188.7	3307.0
60°	3916.0	3723.3	3530.9	3338.2	3145.8	3165.8	3185.6	3205.6	3225.7	3353.0	3480.1
62.5°	4156.1	3978.9	3802.0	3624.8	3447.9	3425.7	3403.8	3381.6	3359.7	3456.5	3553.1
65°	4211.9	4087.2	3962.7	3838.0	3713.3	3645.1	3577.1	3508.9	3440.8	3479.9	3519.0
67.5°	4052.1	3968.0	3884.0	3799.8	3715.7	3573.3	3431.0	3288.4	3146.0	3125.3	3104.5
70°	3681.3	3635.3	3589.5	3543.5	3497.7	3278.4	3059.2	2839.9	2620.7	2568.0	2515.3
72.5°	2905.0	2933.6	2962.2	2991.0	3019.7	2784.8	2550.2	2315.3	2080.4	2013.7	1947.1
75°	2048.5	2145.5	2242.6	2339.6	2436.7	2222.5	2008.7	1794.5	1580.4	1516.3	1452.4
77.5°	1110.7	1292.6	1474.5	1656.5	1838.4	1661.7	1485.3	1308.6	1131.9	1087.3	1043.0
80°	526.5	631.4	736.1	841.0	945.9	906.1	866.3	826.2	786.4	796.2	805.9
82.5°	161.4	237.3	313.1	388.9	464.7	470.7	476.4	482.4	488.3	503.1	517.7
85°	54.1	74.2	94.2	114.2	134.2	169.5	204.8	240.4	275.6	252.8	230.1
87.5°	0.0	0.7	1.2	1.9	2.4	7.4	12.4	17.4	22.4	19.3	16.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367007

CATALOG NUMBER: MSA-SA1D-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: P367007

CATALOG NUMBER: MSA-SA1D-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°	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1
2.5°	634.5	645.0	645.2	645.7	645.9	646.2	647.4	648.6	650.0	651.2	643.3
5°	862.5	870.1	856.0	841.9	827.6	813.6	826.2	838.8	851.5	864.1	858.6
7.5°	971.4	966.7	965.0	963.6	961.9	960.5	965.2	970.0	974.8	979.5	979.1
10°	1058.7	1080.4	1085.6	1090.9	1096.4	1101.6	1090.6	1079.7	1068.7	1057.7	1053.2
12.5°	1138.1	1160.0	1177.4	1194.8	1212.5	1229.9	1214.2	1198.7	1182.9	1167.4	1152.6
15°	1129.0	1144.1	1158.4	1172.7	1187.0	1201.3	1196.0	1191.0	1185.8	1180.5	1178.2
17.5°	1150.7	1159.8	1156.5	1153.1	1149.5	1146.2	1144.5	1143.1	1141.4	1139.8	1134.0
20°	1115.4	1124.0	1121.9	1120.0	1117.8	1115.7	1114.2	1112.8	1111.4	1110.0	1105.4
22.5°	1084.4	1070.9	1067.3	1063.9	1060.4	1057.0	1057.5	1058.0	1058.2	1058.7	1079.2
25°	1120.7	1087.1	1074.0	1060.8	1047.5	1034.4	1040.3	1046.1	1052.0	1058.0	1087.5
27.5°	1127.4	1076.8	1055.8	1034.8	1013.9	992.9	1014.3	1035.8	1057.3	1078.7	1126.6
30°	1177.9	1127.6	1098.3	1069.2	1039.9	1010.8	1038.2	1065.6	1093.0	1120.4	1172.4
32.5°	1221.3	1186.0	1165.0	1144.1	1123.1	1102.1	1103.3	1104.2	1105.4	1106.6	1179.8
35°	1257.1	1204.9	1185.8	1166.9	1147.9	1129.0	1157.4	1185.8	1214.2	1242.5	1308.3
37.5°	1410.2	1375.1	1340.1	1305.2	1270.2	1235.4	1258.0	1280.7	1303.6	1326.2	1399.0
40°	1518.2	1460.9	1451.9	1443.1	1434.0	1425.2	1436.9	1448.3	1460.0	1471.7	1535.3
42.5°	1741.6	1703.2	1678.6	1654.3	1629.8	1605.4	1614.7	1624.0	1633.6	1642.9	1703.2
45°	2005.8	1979.3	1963.1	1946.9	1930.4	1914.2	1900.2	1886.3	1872.3	1858.4	1919.7
47.5°	2258.8	2271.4	2307.2	2342.7	2378.5	2414.0	2384.9	2355.8	2326.5	2297.4	2297.6
50°	2637.2	2726.6	2744.7	2762.6	2780.7	2798.6	2736.6	2674.6	2612.4	2550.4	2543.0
52.5°	2959.8	3083.1	3089.5	3096.0	3102.6	3109.1	3084.0	3059.0	3033.7	3008.7	2942.2
55°	3213.3	3344.2	3353.0	3361.6	3370.4	3379.0	3357.1	3335.4	3313.4	3291.5	3224.2
57.5°	3425.5	3543.8	3549.0	3554.0	3559.3	3564.5	3566.2	3567.8	3569.7	3571.4	3480.6
60°	3607.4	3734.8	3724.3	3714.0	3703.5	3693.3	3677.5	3661.8	3646.1	3630.3	3571.7
62.5°	3649.9	3746.7	3730.5	3714.5	3698.3	3682.3	3668.9	3655.8	3642.5	3629.1	3591.7
65°	3558.1	3597.2	3580.5	3563.8	3546.9	3530.2	3521.6	3513.2	3504.7	3496.1	3491.3
67.5°	3083.6	3062.8	3082.6	3102.4	3122.2	3142.0	3168.9	3195.9	3223.1	3250.0	3234.3
70°	2462.4	2409.7	2431.7	2453.4	2475.3	2497.0	2537.8	2578.5	2619.5	2660.3	2649.4
72.5°	1880.4	1813.6	1816.7	1819.8	1823.1	1826.2	1825.1	1824.1	1822.9	1821.7	1840.8
75°	1388.2	1324.1	1293.8	1263.5	1233.2	1203.0	1195.6	1188.2	1180.8	1173.4	1208.9
77.5°	998.4	954.0	933.3	912.8	892.0	871.5	882.0	892.5	903.2	913.7	926.1
80°	816.0	825.7	809.8	794.0	778.0	762.1	774.0	785.7	797.6	809.5	772.6
82.5°	532.4	547.0	497.9	448.8	399.6	350.5	380.3	410.1	440.2	470.0	454.7
85°	207.2	184.6	157.4	130.4	103.2	76.1	99.0	121.8	144.7	167.6	182.9
87.5°	13.4	10.5	8.3	6.2	3.8	1.7	3.6	5.5	7.6	9.5	16.0
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: P367007
 CATALOG NUMBER: MSA-SA1D-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: P367007

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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1	504.1
2.5°	635.7	627.8	620.2	605.2	590.1	575.1	560.1	581.1	602.1	623.1	644.0
5°	853.4	847.9	842.7	844.1	845.5	847.2	848.6	851.7	854.8	857.7	860.8
7.5°	978.8	978.3	977.9	966.9	955.9	944.7	933.7	939.2	944.7	950.2	955.7
10°	1048.9	1044.4	1039.9	1015.8	991.7	967.4	943.3	932.8	922.1	911.6	901.1
12.5°	1137.9	1122.8	1108.1	1082.3	1056.8	1031.0	1005.3	995.7	986.0	976.4	966.7
15°	1176.0	1173.6	1171.5	1153.1	1134.5	1116.2	1097.6	1064.9	1032.0	999.3	966.7
17.5°	1128.3	1122.4	1116.6	1145.7	1174.6	1203.7	1232.8	1198.9	1165.0	1131.2	1097.3
20°	1100.9	1096.4	1091.8	1146.0	1199.9	1254.0	1307.9	1292.8	1277.6	1262.6	1247.5
22.5°	1099.7	1120.4	1141.0	1188.4	1235.6	1283.1	1330.3	1356.3	1382.5	1408.5	1434.5
25°	1117.1	1146.9	1176.5	1255.2	1333.9	1412.8	1491.5	1521.3	1550.8	1580.6	1610.2
27.5°	1174.3	1222.3	1270.0	1338.6	1407.3	1476.2	1544.9	1610.0	1675.3	1740.4	1805.5
30°	1224.2	1276.2	1328.1	1409.9	1491.5	1573.3	1654.8	1736.4	1817.9	1899.4	1981.0
32.5°	1253.0	1326.5	1399.7	1499.1	1598.3	1697.7	1797.2	1886.6	1976.0	2065.2	2154.6
35°	1374.2	1440.2	1506.0	1615.9	1725.9	1836.0	1945.9	2056.6	2167.2	2277.6	2388.3
37.5°	1471.7	1544.6	1617.4	1737.5	1857.5	1977.7	2097.8	2250.7	2403.8	2556.6	2709.4
40°	1599.0	1662.7	1726.3	1838.9	1951.2	2063.7	2176.3	2370.1	2564.0	2757.6	2951.5
42.5°	1763.3	1823.6	1883.9	2004.4	2124.8	2245.2	2365.6	2580.2	2794.8	3009.2	3223.8
45°	1981.0	2042.5	2103.8	2199.6	2295.5	2391.4	2487.2	2715.4	2943.4	3171.5	3399.5
47.5°	2297.9	2298.1	2298.4	2367.5	2436.7	2506.0	2575.2	2805.1	3034.7	3264.5	3494.2
50°	2535.6	2528.0	2520.6	2556.4	2591.9	2627.7	2663.4	2874.9	3086.7	3298.2	3509.7
52.5°	2875.9	2809.3	2743.1	2764.3	2785.3	2806.5	2827.5	3006.5	3185.9	3364.9	3544.0
55°	3157.2	3090.0	3022.8	3014.9	3007.0	2999.2	2991.3	3156.0	3320.8	3485.6	3650.3
57.5°	3390.0	3299.1	3208.5	3190.4	3172.5	3154.4	3136.3	3310.1	3483.7	3657.5	3831.1
60°	3513.2	3454.6	3395.9	3384.2	3372.3	3360.6	3348.7	3491.3	3633.9	3776.5	3919.1
62.5°	3554.5	3517.1	3479.9	3501.8	3523.7	3545.9	3567.8	3630.6	3693.0	3755.7	3818.2
65°	3486.8	3482.0	3477.2	3522.3	3567.1	3612.2	3657.3	3641.8	3626.0	3610.5	3595.0
67.5°	3218.8	3203.0	3187.5	3286.5	3385.2	3484.1	3583.1	3508.0	3432.6	3357.5	3282.4
70°	2638.4	2627.2	2616.2	2758.8	2901.4	3044.2	3186.8	3095.7	3004.6	2913.6	2822.5
72.5°	1859.6	1878.7	1897.8	2065.9	2233.7	2401.8	2569.7	2477.9	2386.1	2294.3	2202.5
75°	1244.2	1279.7	1315.3	1488.4	1661.5	1834.8	2007.9	1900.2	1792.4	1684.6	1576.8
77.5°	938.5	950.9	963.3	1072.8	1182.2	1291.9	1401.3	1312.4	1223.2	1134.3	1045.1
80°	735.6	698.4	661.4	697.4	733.5	769.5	805.5	752.3	699.1	646.2	593.0
82.5°	439.5	424.2	408.9	428.5	447.8	467.4	486.9	464.0	440.9	418.0	394.9
85°	197.9	213.2	228.2	248.0	267.5	287.3	307.1	275.2	243.2	211.3	179.3
87.5°	22.2	28.6	35.1	43.4	51.7	60.1	68.4	53.4	38.2	23.1	8.1
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

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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

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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	504.1	504.1
2.5°	656.2	668.4
5°	860.5	860.1
7.5°	941.4	926.8
10°	887.7	874.4
12.5°	932.6	898.5
15°	940.9	915.1
17.5°	1055.4	1013.1
20°	1193.4	1139.0
22.5°	1360.1	1285.5
25°	1521.5	1432.8
27.5°	1752.3	1698.9
30°	1927.1	1873.0
32.5°	2117.9	2081.1
35°	2351.8	2315.1
37.5°	2719.0	2728.3
40°	2957.2	2962.9
42.5°	3245.9	3268.1
45°	3424.3	3449.1
47.5°	3528.7	3563.3
50°	3565.5	3621.3
52.5°	3612.9	3681.6
55°	3726.9	3803.4
57.5°	3892.1	3953.2
60°	3921.9	3924.8
62.5°	3774.1	3730.0
65°	3548.1	3501.1
67.5°	3254.0	3225.4
70°	2784.8	2747.1
72.5°	2132.4	2062.3
75°	1490.0	1403.2
77.5°	999.6	954.0
80°	594.4	595.6
82.5°	405.8	416.6
85°	177.2	174.8
87.5°	5.7	3.1
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0

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CATALOG NUMBER: MSA-SA1D-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)