

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: P367161

Luminaire Tested: **MSA-SA2A-730-U-SLR-HSS**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367161
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA2A-730-U-SLR-HSS
Description: MESA POST TOP DECORATIVE LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5280 lumens
Efficiency: N/A
Efficacy: 80.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

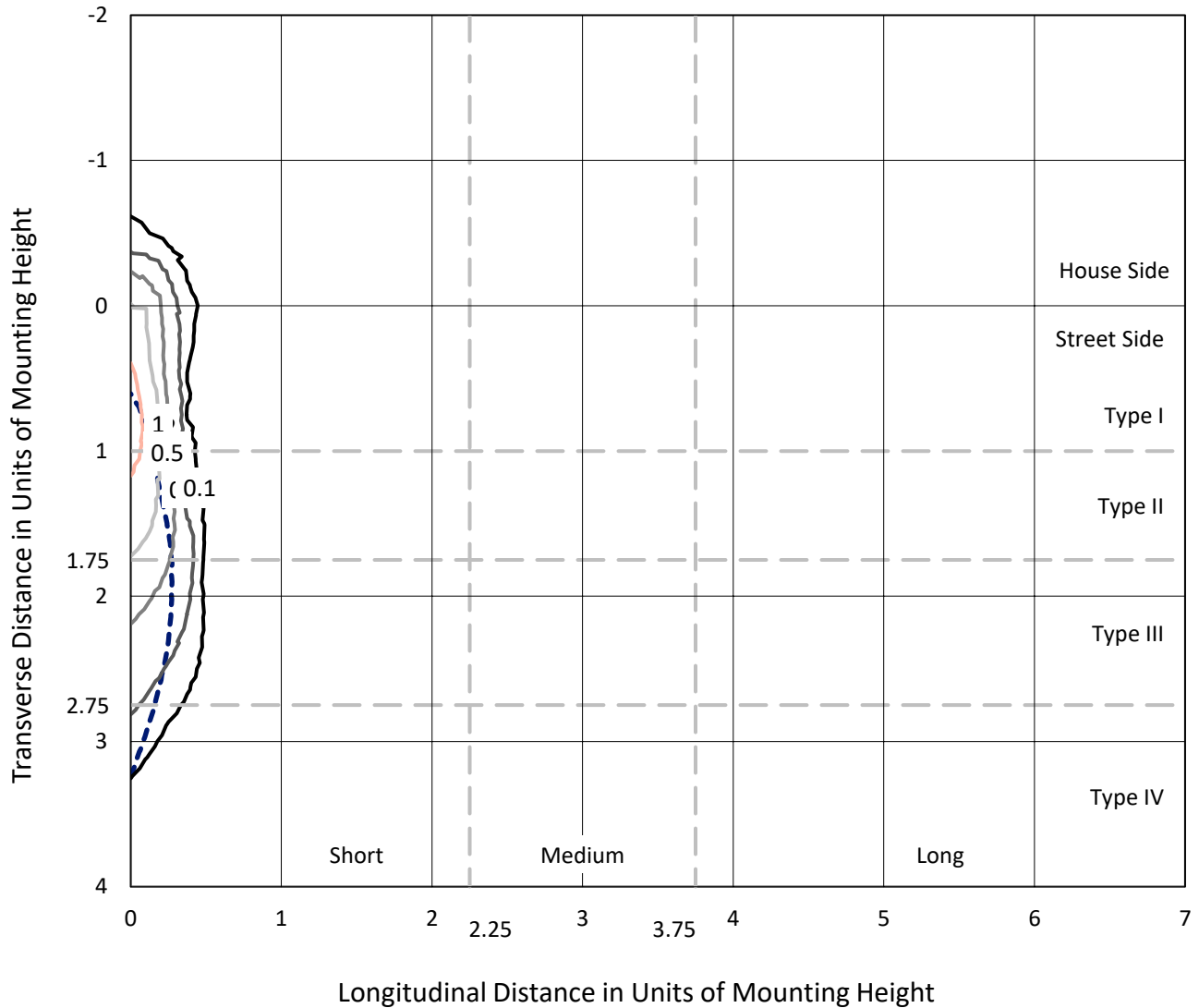
Input Watts (W): 66
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

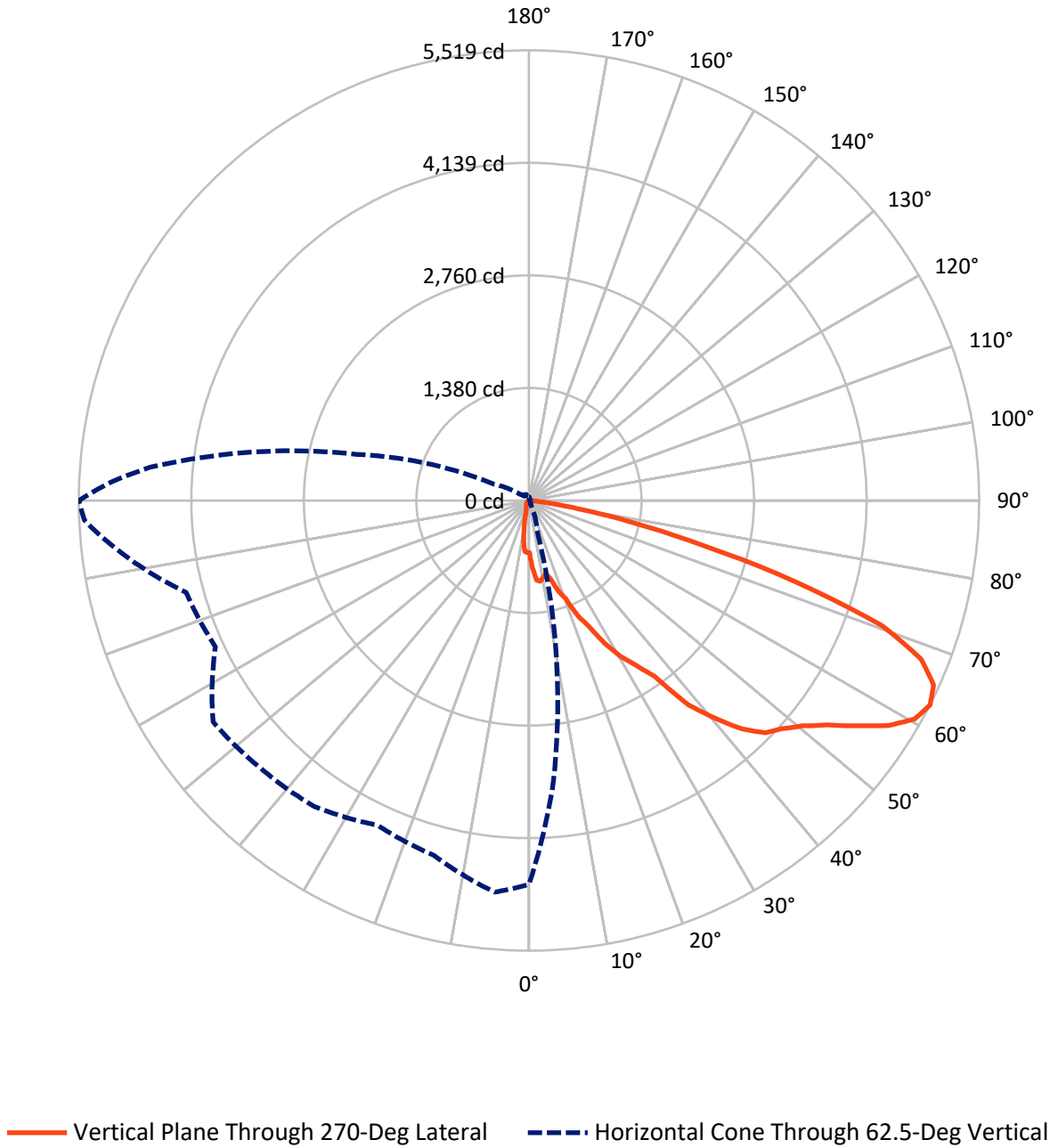
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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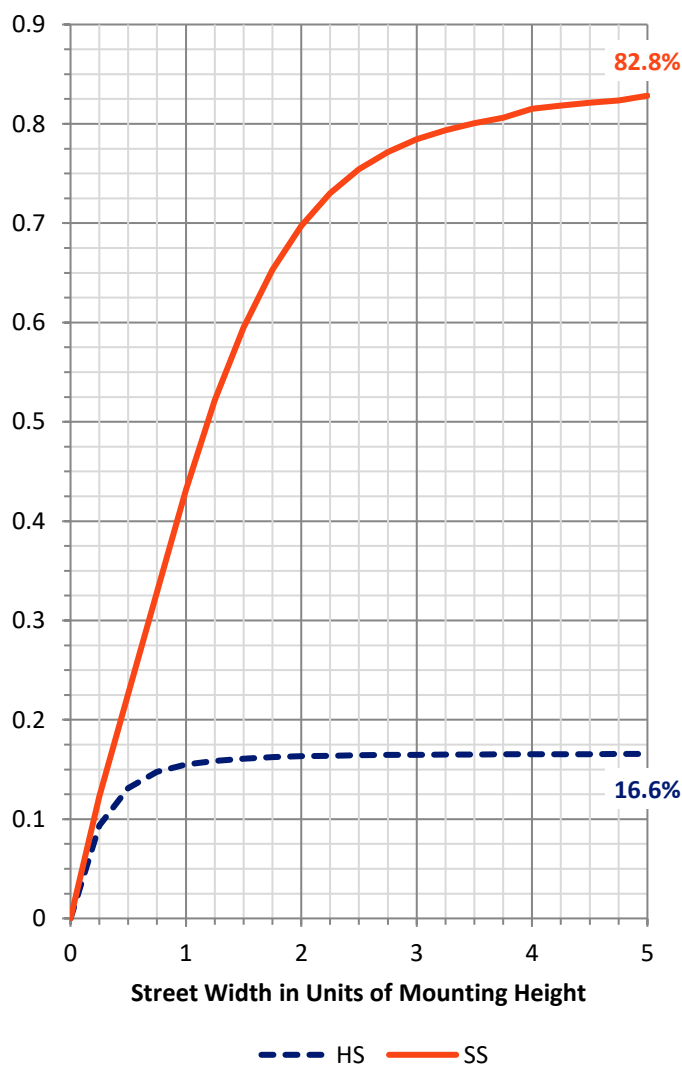
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	881.7	0.0	881.7
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	4398.3	0.0	4398.3
	% Fixture	83.3	0.0	83.3
Total	Lumens	5280.0	0.0	5280.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.1	1.3
10°-20°	185.7	3.5
20°-30°	300.1	5.7
30°-40°	502.7	9.5
40°-50°	821.8	15.6
50°-60°	1216.5	23.0
60°-70°	1396.6	26.5
70°-80°	690.5	13.1
80°-90°	94.8	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°	5280.0	100.0
0°-180°	5280.0	100.0

Coefficient of Utilization



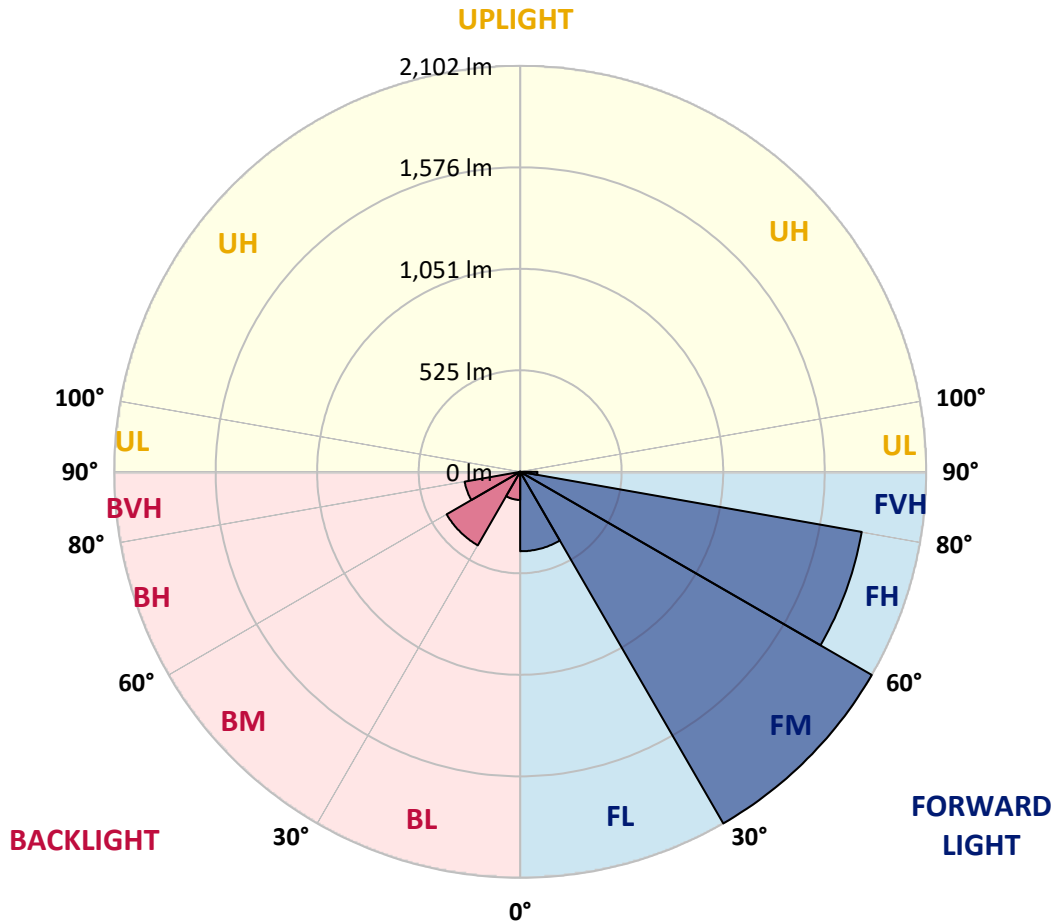
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	411.3	7.8			
FM (30°-60°)	2101.7	39.8			
FH (60°-80°)	1795.4	34.0			G1/1800
FVH (80°-90°)	89.8	1.7			G1/100
BL (0°-30°)	145.6	2.8	B1/500		
BM (30°-60°)	439.3	8.3	B1/1000		
BH (60°-80°)	291.7	5.5	B1/500		G1/500
BVH (80°-90°)	5.0	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°	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3
2.5°	843.6	854.2	864.4	844.8	825.3	805.7	786.2	768.7	751.2	733.5	716.0
5°	1085.6	1066.4	1047.1	1020.6	994.1	967.6	941.2	928.8	916.5	904.1	891.8
7.5°	1169.9	1135.6	1101.0	1077.5	1054.3	1030.8	1007.4	970.3	933.0	896.0	858.7
10°	1103.7	1067.3	1030.5	1010.1	989.6	969.1	948.7	902.6	856.3	810.2	763.9
12.5°	1134.1	1094.7	1055.2	1013.1	971.0	928.8	886.7	851.5	815.9	780.7	745.2
15°	1155.1	1110.0	1064.6	1016.4	968.2	920.1	871.9	830.4	789.2	747.6	706.1
17.5°	1278.8	1214.1	1149.4	1075.4	1001.3	927.3	853.3	805.1	757.3	709.1	660.9
20°	1437.8	1346.0	1253.9	1153.6	1053.4	953.2	853.0	793.1	733.2	673.3	613.4
22.5°	1622.6	1507.9	1392.9	1269.2	1145.8	1022.1	898.4	812.3	726.3	640.2	554.1
25°	1808.6	1705.0	1601.5	1435.1	1268.6	1101.9	935.4	826.2	716.6	607.4	497.8
27.5°	2144.5	1959.4	1774.3	1562.4	1350.8	1138.9	927.0	801.8	676.6	551.1	425.9
30°	2364.2	2221.8	2079.1	1799.2	1519.6	1239.7	959.8	801.2	642.6	483.7	325.1
32.5°	2626.9	2418.6	2210.1	1906.4	1602.7	1299.0	995.3	809.0	622.4	436.1	249.5
35°	2922.2	2695.5	2468.9	2084.3	1699.6	1314.7	930.0	749.4	568.8	388.3	207.7
37.5°	3443.8	3064.5	2685.3	2236.9	1788.1	1339.6	890.9	710.6	530.0	349.7	169.1
40°	3739.9	3377.9	3015.8	2455.4	1894.9	1334.5	774.1	614.0	454.2	294.1	133.9
42.5°	4125.2	3665.9	3206.3	2580.0	1953.6	1327.3	701.0	552.9	404.8	256.4	108.4
45°	4353.6	3833.2	3312.9	2634.1	1955.4	1276.7	598.0	469.8	341.6	213.4	85.2
47.5°	4497.8	3975.9	3454.0	2725.3	1997.0	1268.3	539.7	421.7	303.7	185.7	67.7
50°	4570.9	4047.5	3523.8	2775.0	2026.2	1277.0	528.2	410.8	293.2	175.8	58.1
52.5°	4647.1	4142.3	3637.3	2861.1	2084.9	1308.6	532.4	412.6	293.2	173.4	53.6
55°	4800.9	4303.1	3804.9	2984.5	2164.0	1343.6	523.1	405.1	287.1	168.8	50.9
57.5°	4989.9	4457.8	3925.3	3074.8	2224.2	1373.7	523.1	404.5	285.9	167.0	48.5
60°	4954.1	4376.5	3798.6	2973.3	2148.1	1322.5	497.2	384.3	271.8	158.9	46.0
62.5°	4708.2	4081.2	3454.0	2691.3	1928.4	1165.7	402.7	312.7	222.7	132.4	42.4
65°	4419.2	3753.8	3088.0	2386.1	1684.0	982.1	279.9	219.7	159.2	99.0	38.5
67.5°	4071.3	3361.6	2651.9	2027.7	1403.8	779.5	155.3	125.2	95.1	64.7	34.6
70°	3467.6	2735.0	2002.1	1522.3	1042.9	563.1	83.4	70.4	57.5	44.5	31.6
72.5°	2603.1	1932.0	1260.8	957.7	654.9	351.8	48.8	43.9	38.8	34.0	28.9
75°	1771.2	1268.3	765.4	582.7	400.3	217.6	34.9	32.5	29.8	27.4	24.7
77.5°	1204.2	871.0	537.8	410.5	283.2	155.9	28.6	27.1	25.6	23.8	22.3
80°	751.8	514.7	277.5	213.7	149.6	85.8	21.7	20.8	19.9	18.7	17.8
82.5°	525.8	314.5	103.2	80.7	58.1	35.2	12.6	12.9	13.2	13.2	13.5
85°	220.6	119.2	17.8	15.0	12.3	9.6	6.9	7.5	8.4	9.0	9.6
87.5°	3.9	2.1	0.0	0.6	1.5	2.1	2.7	3.6	4.2	5.1	5.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3
2.5°	720.5	725.1	729.3	733.8	730.2	726.9	723.2	719.6	714.2	709.1	703.7
5°	876.7	861.7	846.6	831.6	808.7	785.9	762.7	739.8	737.1	734.4	731.4
7.5°	823.5	788.3	752.7	717.5	684.4	651.3	618.2	585.1	574.9	564.9	554.7
10°	736.8	709.7	682.3	655.2	631.4	607.4	583.6	559.5	534.5	509.6	484.3
12.5°	716.9	688.6	660.0	631.8	610.1	588.4	566.7	545.1	517.1	489.1	461.1
15°	675.4	644.7	614.0	583.3	554.4	525.5	496.3	467.4	433.7	400.0	366.3
17.5°	624.5	588.4	552.0	515.6	477.7	439.7	401.8	363.9	325.1	286.5	247.7
20°	564.0	514.7	465.0	415.6	368.7	321.7	274.5	227.5	203.2	179.1	154.7
22.5°	490.3	426.2	362.4	298.3	259.7	220.9	182.4	143.6	133.0	122.5	112.0
25°	425.3	352.7	280.2	207.7	183.3	158.9	134.5	110.2	105.3	100.2	95.4
27.5°	357.6	289.5	221.2	152.9	139.1	124.9	111.1	96.9	93.6	90.6	87.3
30°	274.2	223.3	172.2	121.3	112.3	103.2	93.9	84.9	83.4	81.6	80.1
32.5°	212.5	175.2	138.1	100.8	95.7	90.6	85.5	80.4	78.0	75.5	72.8
35°	177.6	147.8	117.7	87.6	84.0	80.1	76.4	72.5	70.1	67.4	65.0
37.5°	147.2	125.5	103.5	81.6	77.7	73.7	69.5	65.6	63.8	62.0	60.2
40°	121.3	108.7	96.0	83.4	77.7	71.9	66.2	60.5	59.0	57.5	56.0
42.5°	100.2	92.1	83.7	75.5	71.3	67.4	63.2	59.0	56.9	54.5	52.4
45°	81.0	76.4	72.2	67.7	68.0	68.3	68.3	68.6	63.2	57.5	52.1
47.5°	65.6	63.5	61.1	59.0	61.4	63.8	65.9	68.3	62.6	56.9	50.9
50°	56.3	54.8	53.0	51.2	53.6	56.3	58.7	61.1	58.7	56.6	54.2
52.5°	51.5	49.4	47.3	45.1	46.0	47.3	48.2	49.1	49.1	49.1	49.1
55°	48.5	46.4	43.9	41.5	40.6	39.4	38.5	37.3	35.8	34.6	33.1
57.5°	46.0	43.6	40.9	38.5	37.0	35.2	33.7	31.9	30.4	28.6	27.1
60°	43.6	41.2	38.5	36.1	34.6	33.1	31.3	29.8	28.0	26.5	24.7
62.5°	40.3	38.2	36.1	34.0	32.5	31.3	29.8	28.3	26.5	24.7	22.6
65°	36.7	35.2	33.4	31.6	30.1	28.6	27.1	25.6	23.8	22.3	20.5
67.5°	33.4	31.9	30.7	29.2	27.4	25.9	24.1	22.3	21.1	19.9	18.4
70°	30.7	29.5	28.6	27.4	25.6	24.1	22.3	20.5	19.6	18.4	17.5
72.5°	28.0	27.1	25.9	25.0	23.5	22.0	20.5	19.0	18.1	17.2	16.3
75°	24.1	23.5	22.9	22.3	20.8	19.3	17.5	16.0	15.7	15.3	15.0
77.5°	21.7	21.4	20.8	20.2	18.7	17.2	15.7	14.1	14.4	14.7	14.7
80°	17.8	17.8	17.5	17.5	16.3	15.0	13.5	12.3	12.9	13.8	14.4
82.5°	13.5	13.5	13.5	13.5	12.3	11.1	9.9	8.7	9.6	10.2	11.1
85°	9.3	9.0	8.7	8.4	7.5	6.9	6.0	5.1	6.3	7.2	8.4
87.5°	5.7	6.0	6.0	6.0	5.4	4.5	3.9	3.0	3.6	3.9	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):

	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: P367161
 CATALOG NUMBER: MSA-SA2A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3
2.5°	698.3	689.2	680.2	670.9	661.8	640.8	619.7	598.6	577.6	593.2	608.6
5°	728.7	711.2	693.5	676.0	658.2	650.4	642.9	635.1	627.2	628.4	629.9
7.5°	544.5	533.0	521.6	509.9	498.4	496.0	493.9	491.5	489.1	494.2	499.0
10°	459.3	443.3	427.1	411.1	394.9	386.2	377.4	368.7	360.0	359.1	357.9
12.5°	433.1	408.7	384.6	360.3	335.9	316.9	298.0	279.0	260.0	261.5	263.1
15°	332.6	308.2	284.1	259.7	235.4	220.0	204.4	189.0	173.4	168.8	164.3
17.5°	208.9	190.8	172.8	154.4	136.3	131.2	126.4	121.3	116.2	114.7	113.2
20°	130.3	122.5	114.7	106.5	98.7	97.5	96.3	95.1	93.9	94.8	95.7
22.5°	101.4	98.1	94.5	91.2	87.6	86.4	85.2	84.0	82.8	83.7	84.3
25°	90.3	87.9	85.5	83.1	80.7	79.5	78.0	76.7	75.2	75.8	76.7
27.5°	84.0	81.9	79.8	77.7	75.5	73.4	71.6	69.5	67.4	68.6	69.5
30°	78.3	75.8	73.7	71.3	68.9	66.8	64.7	62.3	60.2	61.4	62.6
32.5°	70.4	68.3	65.9	63.8	61.4	60.2	59.0	57.5	56.3	57.2	57.8
35°	62.3	60.5	59.0	57.2	55.4	54.2	53.3	52.1	50.9	51.2	51.8
37.5°	58.4	56.3	54.2	52.1	50.0	49.4	48.8	47.9	47.3	47.3	47.3
40°	54.5	52.4	50.3	47.9	45.7	44.8	43.9	43.0	42.1	42.1	42.1
42.5°	50.0	47.9	45.7	43.6	41.5	40.6	39.4	38.5	37.3	37.3	37.3
45°	46.4	44.2	42.4	40.3	38.2	36.7	35.2	33.4	31.9	31.6	31.3
47.5°	45.1	42.1	39.1	36.1	33.1	31.6	30.1	28.3	26.8	26.5	26.2
50°	51.8	45.7	39.7	33.7	27.7	26.5	25.3	24.1	22.9	22.3	22.0
52.5°	49.1	42.7	36.4	30.1	23.8	22.9	22.0	21.1	20.2	19.6	19.0
55°	31.6	28.9	26.5	23.8	21.1	20.5	19.9	19.0	18.4	17.8	17.2
57.5°	25.3	23.8	22.6	21.1	19.6	19.0	18.4	17.5	16.9	16.0	15.3
60°	22.9	21.7	20.5	19.3	18.1	17.5	16.9	16.3	15.7	14.7	14.1
62.5°	20.8	19.9	19.0	18.1	17.2	16.6	16.0	15.3	14.7	13.8	12.9
65°	18.7	18.1	17.5	16.9	16.3	15.7	15.0	14.1	13.5	12.6	11.7
67.5°	17.2	16.9	16.6	16.3	16.0	15.3	14.4	13.8	12.9	12.0	10.8
70°	16.3	16.3	16.3	16.0	16.0	15.3	14.4	13.8	12.9	11.7	10.8
72.5°	15.3	15.7	16.0	16.0	16.3	15.3	14.4	13.5	12.6	11.4	10.5
75°	14.7	15.0	15.3	15.3	15.7	15.0	14.4	13.5	12.9	11.7	10.5
77.5°	15.0	15.3	15.3	15.7	15.7	15.0	14.4	13.5	12.9	11.4	9.9
80°	15.0	14.7	14.4	13.8	13.5	12.3	11.1	9.6	8.4	6.6	5.1
82.5°	11.7	11.1	10.8	10.2	9.6	8.4	7.2	6.0	4.8	3.6	2.4
85°	9.3	8.7	8.4	7.8	7.2	6.3	5.1	4.2	3.0	2.4	1.5
87.5°	4.8	4.5	3.9	3.6	3.0	2.4	1.5	0.9	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: P367161
 CATALOG NUMBER: MSA-SA2A-730-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: P367161
 CATALOG NUMBER: MSA-SA2A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3
2.5°	624.2	639.6	637.5	635.4	645.3	655.2	648.0	641.1	633.9	626.6	611.6
5°	631.1	632.4	630.2	627.8	628.1	628.4	623.6	618.8	614.0	609.2	608.3
7.5°	504.1	509.0	515.6	521.9	522.2	522.2	518.6	515.0	511.1	507.4	509.3
10°	357.0	355.8	357.6	359.4	359.1	358.5	368.1	377.7	387.1	396.7	389.8
12.5°	264.3	265.8	258.2	250.7	253.4	255.8	257.3	258.8	260.3	261.8	266.1
15°	159.8	155.3	149.9	144.5	147.2	149.6	152.3	154.7	157.4	159.8	162.5
17.5°	111.4	109.9	107.4	104.7	105.0	105.3	105.6	105.9	105.9	106.2	106.8
20°	96.6	97.5	95.7	93.6	93.0	92.1	91.5	90.9	90.0	89.4	88.5
22.5°	85.2	85.8	86.1	86.1	84.9	83.4	82.2	81.3	80.1	78.9	78.3
25°	77.4	78.0	77.4	76.4	75.8	75.2	74.6	73.7	73.1	72.2	71.9
27.5°	70.7	71.6	71.6	71.3	70.7	69.8	68.3	67.1	65.6	64.1	64.4
30°	63.8	65.0	65.0	64.7	64.4	64.1	62.6	61.1	59.6	58.1	58.7
32.5°	58.7	59.3	59.0	58.7	58.7	58.4	57.2	56.3	55.1	53.9	53.9
35°	52.1	52.4	52.4	52.4	52.4	52.1	51.2	50.3	49.4	48.5	48.8
37.5°	47.3	47.3	48.2	48.8	48.2	47.6	47.0	46.0	45.4	44.5	44.5
40°	41.8	41.8	42.7	43.3	42.7	42.1	41.8	41.2	40.9	40.3	40.3
42.5°	37.0	37.0	37.9	38.5	38.5	38.2	37.6	37.0	36.4	35.8	36.1
45°	31.0	30.7	32.2	33.4	32.8	32.2	32.2	31.9	31.9	31.6	31.9
47.5°	25.6	25.3	26.5	27.7	27.4	26.8	26.8	26.8	26.8	26.8	27.1
50°	21.4	20.8	22.0	22.9	22.6	22.0	22.0	22.3	22.3	22.3	22.6
52.5°	18.4	17.8	18.7	19.3	19.0	18.7	18.7	19.0	19.0	19.0	19.3
55°	16.3	15.7	16.6	17.2	16.9	16.3	16.6	16.6	16.9	16.9	16.9
57.5°	14.4	13.5	14.1	14.7	14.7	14.4	14.7	14.7	15.0	15.0	15.0
60°	13.2	12.3	12.9	13.2	13.2	12.9	13.2	13.2	13.5	13.5	13.5
62.5°	11.7	10.8	11.4	11.7	11.7	11.4	11.7	11.7	12.0	12.0	12.0
65°	10.5	9.6	9.9	10.2	10.2	10.2	10.5	10.5	10.8	10.8	10.8
67.5°	9.9	8.7	9.0	9.3	9.3	9.3	9.6	9.6	9.9	9.9	10.2
70°	9.6	8.4	8.7	8.7	9.0	9.0	9.0	9.3	9.3	9.3	9.3
72.5°	9.3	8.1	8.1	8.1	8.4	8.4	8.4	8.7	8.7	8.7	8.7
75°	9.3	8.1	7.8	7.5	7.8	7.8	7.8	8.1	8.1	8.1	8.1
77.5°	8.1	6.6	6.0	5.1	6.0	6.6	6.9	6.9	7.2	7.2	7.2
80°	3.3	1.5	0.9	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1
82.5°	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.9	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: P367161
 CATALOG NUMBER: MSA-SA2A-730-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: P367161
 CATALOG NUMBER: MSA-SA2A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3
2.5°	596.5	581.5	566.4	573.7	580.9	588.1	595.3	594.7	593.8	593.2	592.3
5°	607.7	606.8	605.9	601.7	597.7	593.5	589.3	588.4	587.2	586.3	585.1
7.5°	511.1	512.6	514.4	509.6	504.7	499.9	495.1	482.8	470.4	457.8	445.4
10°	382.8	375.6	368.7	368.1	367.5	366.9	366.3	365.1	363.9	362.4	361.2
12.5°	270.6	274.8	279.0	277.5	276.0	274.2	272.7	274.8	277.2	279.3	281.4
15°	164.9	167.6	170.1	175.5	180.9	186.3	191.7	193.8	196.2	198.3	200.5
17.5°	107.4	107.7	108.4	114.4	120.1	126.1	131.8	135.7	139.7	143.3	147.2
20°	87.6	86.7	85.8	89.1	92.4	95.7	99.0	102.6	106.2	109.9	113.5
22.5°	78.0	77.4	76.7	78.0	79.2	80.1	81.3	84.0	87.0	89.7	92.4
25°	71.6	71.0	70.7	71.3	71.9	72.5	73.1	74.6	76.1	77.7	79.2
27.5°	64.4	64.7	64.7	65.3	65.6	66.2	66.5	67.1	68.0	68.6	69.2
30°	59.0	59.6	59.9	60.5	60.8	61.4	61.7	61.4	61.1	60.8	60.5
32.5°	53.9	53.6	53.6	54.2	54.5	55.1	55.4	56.0	56.6	56.9	57.5
35°	48.8	49.1	49.1	49.1	49.4	49.4	49.4	50.0	50.9	51.5	52.1
37.5°	44.2	44.2	43.9	44.8	45.4	46.4	47.0	47.6	48.5	49.1	49.7
40°	40.3	40.3	40.3	40.9	41.5	41.8	42.4	43.9	45.4	47.0	48.5
42.5°	36.1	36.4	36.4	37.0	37.6	37.9	38.5	39.7	40.6	41.8	42.7
45°	32.2	32.5	32.8	33.4	33.7	34.3	34.6	35.2	35.5	36.1	36.4
47.5°	27.7	28.0	28.3	28.9	29.2	29.8	30.1	29.8	29.8	29.5	29.2
50°	23.2	23.5	23.8	24.7	25.3	26.2	26.8	26.2	25.6	24.7	24.1
52.5°	19.6	19.6	19.9	20.5	21.1	21.4	22.0	21.7	21.4	21.1	20.8
55°	16.9	16.9	16.9	17.2	17.5	17.8	18.1	18.4	18.4	18.7	18.7
57.5°	15.0	14.7	14.7	15.0	15.3	15.3	15.7	16.0	16.0	16.3	16.3
60°	13.5	13.2	13.2	13.5	13.8	14.1	14.4	14.4	14.4	14.4	14.1
62.5°	12.0	12.0	12.0	12.3	12.3	12.6	12.6	12.6	12.9	12.9	12.9
65°	11.1	11.1	11.1	11.1	11.1	10.8	10.8	11.1	11.1	11.4	11.4
67.5°	10.2	10.5	10.5	10.2	9.9	9.6	9.3	9.6	9.6	9.9	9.9
70°	9.3	9.3	9.3	9.0	8.7	8.4	8.1	8.1	8.1	7.8	7.8
72.5°	8.7	8.4	8.4	8.1	7.5	7.2	6.6	6.3	6.3	6.0	5.7
75°	8.1	7.8	7.8	7.2	6.6	6.0	5.4	5.1	4.5	4.2	3.6
77.5°	7.2	7.2	7.2	6.3	5.7	4.8	3.9	3.3	2.7	1.8	1.2
80°	2.4	2.7	3.0	2.7	2.7	2.4	2.1	1.5	1.2	0.6	0.0
82.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367161
 CATALOG NUMBER: MSA-SA2A-730-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: P367161
 CATALOG NUMBER: MSA-SA2A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3
2.5°	595.6	598.9	602.3	605.6	605.9	606.2	606.5	606.8	599.2	591.4	583.9
5°	591.1	597.4	603.5	609.5	606.2	602.9	599.5	596.2	595.9	595.9	595.6
7.5°	446.3	447.0	447.9	448.5	449.7	450.9	451.8	453.0	457.8	462.6	467.1
10°	357.3	353.3	349.1	345.2	342.2	338.9	335.9	332.6	335.0	337.7	340.1
12.5°	278.1	274.8	271.2	267.9	266.7	265.5	264.0	262.8	270.6	278.4	285.9
15°	199.8	199.2	198.3	197.7	201.7	205.6	209.5	213.4	220.0	226.3	233.0
17.5°	148.7	150.2	151.7	153.2	155.6	158.0	160.1	162.5	167.3	172.5	177.3
20°	115.3	117.4	119.2	121.0	120.4	119.8	118.9	118.3	122.2	126.1	129.7
22.5°	94.2	95.7	97.5	99.0	99.3	99.6	99.9	100.2	102.6	104.7	107.1
25°	80.7	82.5	84.0	85.5	85.8	86.1	86.4	86.7	89.7	92.7	95.4
27.5°	71.3	73.1	75.2	77.1	77.7	78.3	78.9	79.5	81.3	82.8	84.6
30°	62.9	65.3	67.7	70.1	71.0	71.9	72.8	73.7	75.5	77.7	79.5
32.5°	58.7	60.2	61.4	62.6	64.7	66.5	68.6	70.4	72.5	74.9	77.1
35°	53.9	55.4	57.2	58.7	60.2	61.7	62.9	64.4	65.6	66.8	67.7
37.5°	50.9	52.4	53.6	54.8	55.4	56.0	56.3	56.9	57.5	58.1	58.4
40°	48.5	48.2	48.2	47.9	48.5	49.4	50.0	50.6	52.4	53.9	55.7
42.5°	42.1	41.2	40.6	39.7	41.2	42.4	43.9	45.1	47.6	50.0	52.4
45°	35.8	35.2	34.3	33.7	35.8	37.9	40.0	42.1	44.8	47.3	50.0
47.5°	29.5	29.8	29.8	30.1	32.2	34.3	36.1	38.2	40.9	43.6	46.4
50°	24.7	25.3	25.9	26.5	28.6	30.4	32.5	34.3	37.3	40.0	43.0
52.5°	21.7	22.6	23.2	24.1	25.9	28.0	29.8	31.6	34.3	37.0	39.7
55°	19.6	20.8	21.7	22.6	24.1	25.6	27.1	28.6	31.3	34.0	36.4
57.5°	17.2	18.1	19.0	19.9	21.4	22.9	24.1	25.6	28.0	30.7	33.1
60°	15.0	15.7	16.6	17.2	18.4	19.9	21.1	22.3	24.7	27.1	29.2
62.5°	13.2	13.8	14.1	14.4	15.7	16.9	18.1	19.3	21.4	23.8	25.9
65°	11.7	12.0	12.0	12.3	13.2	14.4	15.3	16.3	18.7	20.8	23.2
67.5°	9.9	10.2	10.2	10.2	11.1	12.0	12.9	13.8	16.0	18.4	20.5
70°	7.8	8.1	8.1	8.1	9.0	10.2	11.1	12.0	13.8	15.7	17.5
72.5°	6.0	6.0	6.3	6.3	7.2	8.4	9.3	10.2	11.7	13.2	14.7
75°	3.9	4.2	4.2	4.5	5.4	6.6	7.5	8.4	9.9	11.4	12.6
77.5°	1.5	2.1	2.4	2.7	3.6	4.5	5.4	6.3	7.5	9.0	10.2
80°	0.0	0.3	0.3	0.3	0.9	1.2	1.8	2.1	3.0	4.2	5.1
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: P367161
 CATALOG NUMBER: MSA-SA2A-730-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: P367161
 CATALOG NUMBER: MSA-SA2A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3
2.5°	576.1	592.6	609.2	625.7	642.3	662.8	683.2	686.2	689.2	685.6	682.3
5°	595.3	603.5	611.3	619.4	627.2	650.7	673.9	674.2	674.2	674.5	674.5
7.5°	471.9	478.9	485.8	492.4	499.3	514.7	530.0	535.7	541.2	540.0	538.7
10°	342.5	351.5	360.3	369.3	378.0	392.2	406.3	411.7	416.9	433.4	450.3
12.5°	293.8	302.5	311.2	319.6	328.4	342.8	357.3	367.8	378.0	388.3	398.5
15°	239.3	246.2	253.4	260.3	267.3	273.9	280.5	293.5	306.1	316.3	326.6
17.5°	182.1	185.1	187.8	190.8	193.5	196.5	199.5	205.0	210.1	219.1	227.8
20°	133.6	136.0	138.4	140.6	143.0	146.0	149.0	152.9	156.5	158.6	160.4
22.5°	109.3	112.9	116.5	119.8	123.4	125.5	127.6	128.8	130.0	130.9	131.8
25°	98.4	101.7	104.7	108.1	111.1	112.0	112.9	115.3	117.7	117.7	117.7
27.5°	86.1	90.6	95.4	99.9	104.4	105.6	106.5	107.4	108.1	106.8	105.3
30°	81.3	85.8	90.3	94.5	99.0	100.8	102.3	103.2	104.1	102.6	101.1
32.5°	79.2	83.4	87.3	91.5	95.4	97.8	99.9	102.3	104.4	104.7	105.3
35°	68.9	71.6	74.6	77.4	80.1	81.3	82.5	83.4	84.0	84.0	84.0
37.5°	59.0	62.6	66.5	70.1	73.7	76.4	79.2	79.5	79.5	80.1	81.0
40°	57.2	60.8	64.4	67.7	71.3	74.3	77.1	77.4	77.7	78.3	78.9
42.5°	54.8	58.7	62.6	66.5	70.4	73.4	76.1	76.1	75.8	76.7	77.4
45°	52.4	56.3	59.9	63.8	67.4	71.3	74.9	74.0	72.8	74.3	75.5
47.5°	49.1	53.3	57.5	61.4	65.6	69.2	72.5	71.9	71.0	72.5	74.0
50°	45.7	50.0	54.2	58.4	62.6	66.5	70.1	69.5	68.9	70.7	72.2
52.5°	42.4	46.7	51.2	55.4	59.6	62.9	65.9	65.6	65.3	67.1	69.2
55°	39.1	43.0	47.3	51.2	55.1	58.7	62.0	61.4	60.8	62.3	63.8
57.5°	35.5	39.4	43.0	47.0	50.6	53.6	56.3	55.4	54.5	56.3	58.1
60°	31.6	35.2	38.8	42.1	45.7	48.2	50.3	49.7	48.8	50.6	52.4
62.5°	28.0	31.3	34.6	37.6	40.9	42.7	44.5	43.9	43.3	45.1	47.3
65°	25.3	28.0	30.4	33.1	35.5	37.3	39.1	38.2	37.3	39.4	41.2
67.5°	22.6	24.7	27.1	29.2	31.3	32.8	34.3	33.7	32.8	34.3	35.8
70°	19.3	21.4	23.5	25.3	27.4	28.9	30.4	29.5	28.3	29.8	31.3
72.5°	16.3	18.1	19.9	21.4	23.2	24.4	25.6	24.7	23.8	25.0	26.2
75°	14.1	15.7	17.2	18.4	19.9	20.5	21.1	20.8	20.2	21.4	22.3
77.5°	11.4	12.6	14.1	15.3	16.6	16.6	16.6	16.9	16.9	18.1	19.6
80°	6.0	7.2	8.4	9.3	10.5	10.5	10.2	10.8	11.1	12.6	14.1
82.5°	0.0	0.9	1.8	2.7	3.6	3.3	2.7	3.0	3.0	3.6	4.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
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: P367161
 CATALOG NUMBER: MSA-SA2A-730-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: P367161
 CATALOG NUMBER: MSA-SA2A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3
2.5°	678.7	675.1	672.7	670.6	668.2	665.8	668.8	671.8	674.5	677.5	686.5
5°	674.8	674.8	672.7	670.6	668.5	666.4	670.9	675.1	679.6	683.8	683.5
7.5°	537.2	536.0	548.7	561.0	573.7	586.0	589.3	592.6	595.6	598.9	598.0
10°	466.8	483.4	488.8	494.2	499.6	505.0	511.7	518.3	524.9	531.5	533.9
12.5°	408.7	419.0	436.4	453.6	471.0	488.2	496.9	505.9	514.7	523.4	540.6
15°	336.8	347.0	362.1	377.1	392.2	407.2	421.1	435.2	449.1	462.9	483.7
17.5°	236.9	245.6	257.0	268.5	279.6	291.0	312.4	333.8	355.2	376.5	398.5
20°	162.5	164.3	169.8	175.5	180.9	186.3	205.6	225.1	244.4	263.7	292.5
22.5°	132.4	133.3	136.0	138.8	141.2	143.9	153.8	164.0	174.0	183.9	207.4
25°	117.4	117.4	119.2	121.0	122.8	124.6	130.0	135.4	140.6	146.0	161.0
27.5°	104.1	102.6	105.3	108.1	110.8	113.5	117.4	121.6	125.5	129.4	139.7
30°	99.6	98.1	101.4	104.7	108.1	111.4	115.3	119.2	122.8	126.7	133.6
32.5°	105.6	105.9	107.1	108.4	109.3	110.5	112.3	114.4	116.2	118.0	124.0
35°	84.0	84.0	86.1	88.2	90.0	92.1	95.4	98.7	102.0	105.3	111.7
37.5°	81.6	82.2	84.0	86.1	87.9	89.7	93.9	98.4	102.6	106.8	112.0
40°	79.2	79.8	82.2	84.6	87.0	89.4	93.6	97.5	101.7	105.6	110.5
42.5°	78.3	78.9	81.9	85.2	88.2	91.2	94.8	98.4	101.7	105.3	112.0
45°	77.1	78.3	81.9	85.8	89.4	93.0	96.3	99.6	102.9	106.2	114.4
47.5°	75.2	76.7	81.0	84.9	89.1	93.0	99.3	105.9	112.3	118.6	122.5
50°	74.0	75.5	80.1	84.6	89.1	93.6	103.8	114.1	124.0	134.2	132.1
52.5°	71.0	72.8	78.6	84.3	90.0	95.7	104.7	113.8	122.8	131.8	127.6
55°	65.3	66.8	73.4	80.1	86.4	93.0	99.6	106.2	112.6	119.2	114.4
57.5°	59.6	61.4	67.7	74.0	80.1	86.4	89.7	93.0	96.3	99.6	97.8
60°	54.2	56.0	64.4	72.8	81.3	89.7	86.7	83.7	80.4	77.4	79.5
62.5°	49.1	50.9	59.0	66.8	74.9	82.8	78.6	74.3	70.1	65.9	69.2
65°	43.3	45.1	48.2	51.5	54.5	57.5	57.2	56.6	56.3	55.7	59.3
67.5°	37.3	38.8	40.3	42.1	43.6	45.1	46.0	47.3	48.2	49.1	52.1
70°	32.5	34.0	35.8	37.3	39.1	40.6	41.2	41.8	42.1	42.7	45.4
72.5°	27.1	28.3	30.7	33.1	35.2	37.6	37.9	37.9	38.2	38.2	40.3
75°	23.5	24.4	26.2	28.0	29.5	31.3	32.2	33.1	33.7	34.6	35.8
77.5°	20.8	22.0	22.6	22.9	23.5	23.8	24.4	25.0	25.6	26.2	26.5
80°	15.3	16.9	17.5	17.8	18.4	18.7	18.7	18.4	18.4	18.1	18.4
82.5°	4.8	5.4	6.3	7.2	8.1	9.0	9.3	9.6	9.6	9.9	9.6
85°	0.9	1.2	1.8	2.4	2.7	3.3	3.0	2.4	2.1	1.5	1.2
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: P367161
 CATALOG NUMBER: MSA-SA2A-730-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: P367161
 CATALOG NUMBER: MSA-SA2A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3
2.5°	695.6	704.3	713.3	709.7	706.1	702.5	698.9	699.5	700.4	701.0	701.6
5°	683.2	682.6	682.3	692.5	703.1	713.3	723.5	734.7	746.1	757.3	768.4
7.5°	597.1	595.9	595.0	608.3	621.5	634.8	648.0	663.4	679.0	694.4	709.7
10°	536.3	538.7	541.2	546.6	552.3	557.7	563.1	577.9	592.6	607.1	621.8
12.5°	557.7	574.6	591.7	595.0	598.0	601.4	604.4	606.5	608.6	610.7	612.8
15°	504.7	525.5	546.3	555.0	563.4	572.2	580.6	602.9	624.8	647.1	669.1
17.5°	420.5	442.1	464.1	490.3	516.5	542.7	568.8	592.9	617.0	641.1	665.2
20°	321.7	350.6	379.5	412.6	446.0	479.2	512.3	536.3	560.1	584.2	608.0
22.5°	231.2	254.6	278.1	318.1	357.9	397.9	437.6	479.5	521.6	563.4	605.3
25°	176.1	190.8	205.9	245.3	284.7	323.9	363.3	420.8	478.3	535.7	593.2
27.5°	149.6	159.8	169.8	205.3	240.8	276.0	311.5	379.8	448.2	516.5	584.8
30°	140.9	147.8	154.7	184.8	215.2	245.3	275.4	344.6	413.8	483.1	552.3
32.5°	130.0	135.7	141.8	168.2	194.7	220.9	247.4	315.1	382.8	450.3	518.0
35°	117.7	124.0	130.0	156.5	183.0	209.2	235.7	305.8	375.9	446.0	516.2
37.5°	116.8	121.9	126.7	157.4	188.4	219.1	249.8	319.9	390.1	459.9	530.0
40°	115.6	120.4	125.2	156.5	187.5	218.8	249.8	323.2	396.7	470.1	543.6
42.5°	118.6	124.9	131.5	159.2	186.9	214.3	242.0	319.3	396.7	473.7	551.1
45°	122.8	130.9	139.1	164.3	189.6	214.9	240.2	324.2	408.1	491.8	575.8
47.5°	126.7	130.6	134.5	158.6	182.4	206.5	230.2	316.0	401.8	487.6	573.4
50°	130.3	128.2	126.1	152.6	179.1	205.3	231.8	313.6	395.2	477.0	558.6
52.5°	123.1	118.9	114.4	142.7	171.0	198.9	227.2	309.7	392.2	474.6	557.1
55°	109.6	104.7	99.9	127.9	155.6	183.6	211.3	293.5	375.6	457.8	540.0
57.5°	95.7	93.9	91.8	113.2	134.5	155.6	177.0	268.2	359.7	450.9	542.1
60°	81.6	83.4	85.5	100.8	116.2	131.2	146.6	236.0	325.1	414.4	503.5
62.5°	72.2	75.5	78.6	91.5	104.7	117.7	130.6	214.9	299.2	383.4	467.7
65°	63.2	66.8	70.4	85.8	101.4	116.8	132.1	203.5	274.8	346.1	417.5
67.5°	55.1	57.8	60.8	81.0	101.1	121.3	141.5	199.8	257.9	316.3	374.4
70°	48.2	50.6	53.3	76.7	100.2	123.7	147.2	196.8	246.8	296.5	346.1
72.5°	42.4	44.5	46.7	70.4	94.2	118.0	141.8	186.0	229.9	274.2	318.1
75°	37.0	37.9	39.1	59.3	79.2	99.3	119.2	148.7	178.5	208.0	237.5
77.5°	26.8	26.8	27.1	33.1	38.8	44.8	50.6	68.9	87.3	105.3	123.7
80°	18.4	18.7	18.7	21.1	23.2	25.6	27.7	31.6	35.2	39.1	42.7
82.5°	9.3	8.7	8.4	10.8	13.2	15.7	18.1	19.0	19.6	20.5	21.1
85°	0.9	0.3	0.0	1.5	3.0	4.5	6.0	7.2	8.4	9.6	10.8
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: P367161
 CATALOG NUMBER: MSA-SA2A-730-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: P367161

CATALOG NUMBER: MSA-SA2A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3
2.5°	699.2	696.8	694.4	691.9	706.7	721.7	736.5	751.2	793.1	820.5	817.5
5°	779.2	790.1	800.9	811.7	829.2	846.9	864.4	881.9	943.9	981.8	987.2
7.5°	726.6	743.1	760.0	776.5	810.2	843.6	877.3	910.8	961.6	1001.0	1023.3
10°	640.8	659.7	678.4	697.4	735.3	773.5	811.4	849.4	906.5	961.0	989.0
12.5°	642.6	672.4	702.2	732.0	765.1	798.2	831.0	864.1	899.0	917.4	956.8
15°	692.5	716.0	739.5	763.0	806.3	849.7	892.7	936.0	956.8	1001.0	1047.1
17.5°	710.9	757.0	802.7	848.5	902.6	956.5	1010.7	1064.6	1103.7	1165.1	1212.6
20°	676.9	745.8	814.4	883.4	957.7	1032.0	1106.4	1180.7	1223.5	1281.9	1355.3
22.5°	678.4	751.5	824.4	897.5	1000.1	1102.5	1205.1	1307.4	1422.1	1534.7	1570.5
25°	688.9	784.6	880.1	975.8	1094.4	1212.9	1331.5	1450.1	1588.6	1706.8	1754.4
27.5°	692.5	800.3	907.7	1015.5	1184.0	1352.6	1521.1	1689.7	1854.9	1988.6	2039.4
30°	683.8	815.6	947.2	1078.7	1285.5	1492.2	1699.0	1905.8	2062.6	2218.2	2281.4
32.5°	685.9	853.9	1021.8	1189.8	1433.3	1677.0	1920.5	2164.0	2264.2	2404.5	2515.9
35°	700.4	884.6	1068.5	1252.7	1522.0	1791.4	2060.8	2330.2	2494.5	2642.6	2737.1
37.5°	734.1	938.1	1141.9	1346.0	1677.0	2008.4	2339.5	2670.6	2924.9	3179.2	3222.6
40°	759.1	974.6	1190.1	1405.6	1789.9	2174.3	2558.6	2943.0	3230.7	3506.7	3536.2
42.5°	787.4	1023.3	1259.6	1495.6	1925.3	2355.1	2784.9	3214.7	3547.9	3829.3	3848.9
45°	818.4	1061.2	1303.8	1546.4	1996.7	2446.6	2896.9	3346.9	3736.0	4062.9	3989.1
47.5°	833.1	1092.8	1352.6	1612.3	2095.1	2577.6	3060.3	3542.8	3891.9	4180.3	4094.2
50°	844.5	1130.2	1416.1	1701.7	2208.0	2714.2	3220.5	3726.7	4076.7	4342.8	4208.0
52.5°	876.7	1196.1	1515.7	1835.1	2373.5	2911.6	3450.1	3988.2	4326.8	4571.2	4382.2
55°	908.0	1275.8	1643.9	2011.7	2590.8	3170.2	3749.3	4328.3	4665.4	4874.9	4618.2
57.5°	947.5	1353.2	1758.6	2164.0	2783.4	3402.8	4022.0	4641.4	4970.9	5202.4	4935.7
60°	937.2	1370.6	1804.4	2237.8	2868.6	3499.5	4130.3	4761.2	5152.7	5437.1	5256.3
62.5°	897.5	1327.3	1756.8	2186.6	2806.3	3425.7	4045.4	4664.8	5134.1	5519.3	5458.5
65°	817.2	1216.5	1616.2	2015.6	2607.4	3199.4	3791.1	4382.8	4961.9	5452.2	5473.9
67.5°	711.5	1048.6	1385.4	1722.5	2274.5	2826.5	3378.2	3930.2	4613.7	5185.5	5249.9
70°	599.5	852.7	1106.1	1359.2	1845.0	2330.8	2816.2	3302.0	4012.6	4588.1	4709.7
72.5°	480.7	643.5	806.0	968.5	1319.2	1669.5	2020.2	2370.5	2995.6	3442.3	3654.5
75°	311.5	385.6	459.6	533.6	767.2	1000.4	1234.0	1467.3	1882.3	2211.3	2451.2
77.5°	138.8	153.8	168.5	183.6	363.9	544.2	724.5	904.7	1085.0	1283.7	1339.9
80°	49.7	56.3	63.2	69.8	158.3	247.1	335.6	424.1	511.4	614.0	639.0
82.5°	20.8	20.8	20.5	20.2	51.8	83.4	115.0	146.6	169.4	194.7	199.5
85°	8.4	6.3	3.9	1.5	6.6	12.0	17.2	22.3	35.8	32.5	60.2
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: P367161
 CATALOG NUMBER: MSA-SA2A-730-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: P367161

CATALOG NUMBER: MSA-SA2A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3
2.5°	806.0	805.4	804.8	804.2	803.6	792.8	782.2	771.4	760.9	774.1	787.4
5°	978.5	994.1	1009.8	1025.7	1041.4	1045.9	1050.4	1054.9	1059.4	1069.1	1078.7
7.5°	1042.0	1068.5	1094.7	1121.1	1147.3	1171.7	1195.8	1220.2	1244.5	1238.5	1232.5
10°	1020.0	1067.9	1115.7	1163.9	1211.7	1222.3	1232.8	1243.6	1254.2	1281.6	1308.9
12.5°	996.2	1053.7	1111.2	1168.7	1226.2	1258.1	1289.7	1321.6	1353.5	1381.2	1408.9
15°	1109.1	1145.8	1182.5	1219.6	1256.3	1284.3	1312.0	1339.9	1367.6	1386.9	1405.9
17.5°	1257.5	1275.5	1293.6	1312.0	1330.0	1352.0	1374.0	1395.9	1417.9	1429.3	1440.8
20°	1414.3	1422.1	1429.9	1437.8	1445.6	1428.1	1410.7	1393.2	1375.8	1386.6	1397.1
22.5°	1571.7	1574.4	1577.4	1580.1	1582.8	1542.2	1501.6	1460.9	1420.3	1403.2	1386.0
25°	1814.0	1794.1	1774.3	1754.4	1734.5	1686.4	1638.2	1590.1	1541.9	1499.5	1457.0
27.5°	2076.4	2009.0	1941.9	1874.5	1807.4	1759.2	1711.1	1662.9	1614.7	1550.9	1487.1
30°	2341.0	2232.3	2124.0	2015.3	1907.0	1849.8	1792.6	1735.1	1677.9	1614.1	1550.6
32.5°	2583.6	2453.0	2322.3	2191.4	2060.8	1964.5	1868.2	1771.8	1675.5	1631.0	1586.4
35°	2784.6	2630.2	2475.8	2321.1	2166.7	2071.3	1975.9	1880.5	1785.1	1718.9	1653.0
37.5°	3128.4	2954.7	2781.0	2607.4	2433.7	2303.4	2173.4	2043.0	1912.7	1868.5	1824.2
40°	3445.3	3226.5	3007.7	2788.9	2570.0	2460.8	2351.8	2242.6	2133.6	2061.1	1988.9
42.5°	3697.2	3466.6	3236.4	3005.9	2775.3	2667.3	2559.5	2451.5	2343.4	2294.9	2246.8
45°	3751.7	3534.4	3317.4	3100.1	2882.8	2819.9	2757.2	2694.3	2631.7	2598.3	2565.2
47.5°	3859.1	3623.5	3388.1	3152.4	2916.8	2888.5	2860.2	2831.6	2803.3	2819.2	2835.2
50°	3919.3	3678.8	3438.4	3197.9	2957.4	2965.5	2973.3	2981.5	2989.6	3102.8	3215.6
52.5°	4036.1	3793.2	3550.3	3307.4	3064.5	3115.7	3166.6	3217.7	3268.6	3424.5	3580.1
55°	4244.7	4006.0	3767.3	3528.3	3289.7	3357.1	3424.5	3492.2	3559.7	3725.2	3890.4
57.5°	4553.8	4316.9	4080.3	3843.5	3606.9	3674.0	3741.1	3808.3	3875.4	4025.0	4174.2
60°	4942.9	4699.8	4456.9	4213.7	3970.8	3996.1	4021.0	4046.3	4071.6	4232.3	4392.8
62.5°	5246.0	5022.4	4799.1	4575.4	4352.1	4324.1	4296.4	4268.5	4240.8	4363.0	4484.9
65°	5316.5	5159.0	5001.9	4844.5	4687.1	4601.0	4515.3	4429.2	4343.1	4392.5	4441.8
67.5°	5114.8	5008.6	4902.6	4796.4	4690.1	4510.4	4330.8	4150.8	3971.1	3944.9	3918.7
70°	4646.8	4588.7	4530.9	4472.8	4415.0	4138.1	3861.5	3584.6	3308.0	3241.5	3175.0
72.5°	3666.8	3702.9	3739.0	3775.5	3811.6	3515.1	3218.9	2922.5	2626.0	2541.7	2457.8
75°	2585.7	2708.2	2830.7	2953.2	3075.7	2805.4	2535.4	2265.2	1994.9	1913.9	1833.2
77.5°	1401.9	1631.6	1861.2	2090.9	2320.5	2097.5	1874.8	1651.8	1428.7	1372.5	1316.5
80°	664.6	797.0	929.1	1061.5	1194.0	1143.7	1093.4	1042.9	992.6	1005.0	1017.3
82.5°	203.8	299.5	395.2	490.9	586.6	594.1	601.4	608.9	616.4	635.1	653.4
85°	68.3	93.6	118.9	144.2	169.4	214.0	258.5	303.4	347.9	319.0	290.4
87.5°	0.0	0.9	1.5	2.4	3.0	9.3	15.7	22.0	28.3	24.4	20.8
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: P367161
 CATALOG NUMBER: MSA-SA2A-730-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: P367161

CATALOG NUMBER: MSA-SA2A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3
2.5°	800.9	814.1	814.4	815.0	815.3	815.6	817.2	818.7	820.5	822.0	812.0
5°	1088.6	1098.3	1080.5	1062.7	1044.7	1026.9	1042.9	1058.8	1074.8	1090.7	1083.8
7.5°	1226.2	1220.2	1218.1	1216.2	1214.1	1212.3	1218.4	1224.4	1230.4	1236.4	1235.8
10°	1336.3	1363.7	1370.3	1377.0	1383.9	1390.5	1376.7	1362.8	1349.0	1335.1	1329.4
12.5°	1436.6	1464.3	1486.2	1508.2	1530.5	1552.4	1532.6	1513.0	1493.1	1473.6	1454.9
15°	1425.1	1444.1	1462.1	1480.2	1498.3	1516.3	1509.7	1503.4	1496.8	1490.1	1487.1
17.5°	1452.5	1464.0	1459.7	1455.5	1451.0	1446.8	1444.7	1442.9	1440.8	1438.7	1431.4
20°	1408.0	1418.8	1416.1	1413.7	1411.0	1408.3	1406.5	1404.7	1402.9	1401.0	1395.3
22.5°	1368.8	1351.7	1347.2	1343.0	1338.4	1334.2	1334.8	1335.4	1335.7	1336.3	1362.2
25°	1414.6	1372.2	1355.6	1339.0	1322.2	1305.6	1313.2	1320.4	1327.9	1335.4	1372.8
27.5°	1423.0	1359.2	1332.7	1306.2	1279.8	1253.3	1280.4	1307.4	1334.5	1361.6	1422.1
30°	1486.8	1423.3	1386.3	1349.6	1312.6	1275.8	1310.5	1345.1	1379.7	1414.3	1479.9
32.5°	1541.6	1497.1	1470.6	1444.1	1417.6	1391.1	1392.6	1393.8	1395.3	1396.8	1489.2
35°	1586.7	1520.8	1496.8	1473.0	1448.9	1425.1	1460.9	1496.8	1532.6	1568.4	1651.5
37.5°	1780.0	1735.7	1691.5	1647.5	1603.3	1559.4	1588.0	1616.5	1645.4	1674.0	1765.8
40°	1916.3	1844.1	1832.6	1821.5	1810.1	1798.9	1813.7	1828.1	1842.9	1857.6	1938.0
42.5°	2198.3	2149.9	2118.9	2088.2	2057.2	2026.5	2038.2	2050.0	2062.0	2073.7	2149.9
45°	2531.8	2498.4	2477.9	2457.5	2436.7	2416.2	2398.5	2381.0	2363.3	2345.8	2423.2
47.5°	2851.2	2867.1	2912.3	2957.1	3002.2	3047.1	3010.4	2973.6	2936.6	2899.9	2900.2
50°	3328.8	3441.7	3464.5	3487.1	3510.0	3532.6	3454.3	3376.1	3297.5	3219.2	3209.9
52.5°	3736.0	3891.6	3899.8	3907.9	3916.3	3924.4	3892.8	3861.2	3829.3	3797.7	3713.8
55°	4056.0	4221.2	4232.3	4243.2	4254.3	4265.1	4237.5	4210.1	4182.4	4154.7	4069.8
57.5°	4323.8	4473.1	4479.7	4486.1	4492.7	4499.3	4501.4	4503.5	4505.9	4508.0	4393.4
60°	4553.5	4714.2	4701.0	4688.0	4674.8	4661.8	4642.0	4622.1	4602.2	4582.4	4508.3
62.5°	4607.1	4729.2	4708.8	4688.6	4668.1	4648.0	4631.1	4614.6	4597.7	4580.9	4533.6
65°	4491.2	4540.5	4519.5	4498.4	4477.0	4456.0	4445.1	4434.6	4423.8	4412.9	4406.9
67.5°	3892.2	3866.0	3891.0	3916.0	3941.0	3966.0	4000.0	4034.0	4068.3	4102.3	4082.4
70°	3108.2	3041.7	3069.4	3096.7	3124.4	3151.8	3203.3	3254.8	3306.5	3358.0	3344.2
72.5°	2373.5	2289.2	2293.1	2297.1	2301.3	2305.2	2303.7	2302.5	2301.0	2299.5	2323.5
75°	1752.3	1671.3	1633.1	1594.9	1556.7	1518.4	1509.1	1499.8	1490.4	1481.1	1526.0
77.5°	1260.2	1204.2	1178.0	1152.1	1126.0	1100.1	1113.3	1126.6	1140.1	1153.3	1169.0
80°	1029.9	1042.3	1022.1	1002.3	982.1	961.9	977.0	991.7	1006.8	1021.8	975.2
82.5°	672.1	690.4	628.4	566.4	504.4	442.4	480.1	517.7	555.6	593.2	574.0
85°	261.5	233.0	198.6	164.6	130.3	96.0	124.9	153.8	182.7	211.6	230.8
87.5°	16.9	13.2	10.5	7.8	4.8	2.1	4.5	6.9	9.6	12.0	20.2
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: P367161
 CATALOG NUMBER: MSA-SA2A-730-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: P367161

CATALOG NUMBER: MSA-SA2A-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3	636.3
2.5°	802.4	792.5	782.8	763.9	744.9	726.0	707.0	733.5	760.0	786.5	812.9
5°	1077.2	1070.3	1063.7	1065.5	1067.3	1069.4	1071.2	1075.1	1079.0	1082.6	1086.5
7.5°	1235.5	1234.9	1234.3	1220.5	1206.6	1192.5	1178.6	1185.5	1192.5	1199.4	1206.3
10°	1324.0	1318.3	1312.6	1282.2	1251.8	1221.1	1190.7	1177.4	1163.9	1150.6	1137.4
12.5°	1436.3	1417.3	1398.6	1366.1	1333.9	1301.4	1268.9	1256.9	1244.5	1232.5	1220.2
15°	1484.4	1481.4	1478.7	1455.5	1432.0	1408.9	1385.4	1344.2	1302.6	1261.4	1220.2
17.5°	1424.2	1416.7	1409.5	1446.2	1482.6	1519.3	1556.0	1513.3	1470.6	1427.8	1385.1
20°	1389.6	1383.9	1378.2	1446.5	1514.5	1582.8	1650.9	1631.9	1612.6	1593.7	1574.7
22.5°	1388.1	1414.3	1440.2	1500.1	1559.7	1619.6	1679.1	1712.0	1745.1	1777.9	1810.7
25°	1410.1	1447.7	1485.0	1584.3	1683.7	1783.3	1882.6	1920.2	1957.6	1995.2	2032.5
27.5°	1482.3	1542.8	1603.0	1689.7	1776.4	1863.3	1950.0	2032.2	2114.7	2196.8	2279.0
30°	1545.2	1610.8	1676.4	1779.7	1882.6	1985.8	2088.8	2191.7	2294.6	2397.6	2500.5
32.5°	1581.6	1674.3	1766.7	1892.2	2017.4	2143.0	2268.5	2381.3	2494.2	2606.8	2719.6
35°	1734.5	1817.9	1901.0	2039.7	2178.5	2317.5	2456.3	2595.9	2735.6	2874.9	3014.6
37.5°	1857.6	1949.7	2041.5	2193.2	2344.6	2496.3	2648.0	2840.9	3034.1	3227.1	3420.0
40°	2018.3	2098.7	2179.1	2321.1	2462.9	2605.0	2747.0	2991.7	3236.4	3480.8	3725.5
42.5°	2225.7	2301.9	2378.0	2530.0	2682.0	2834.0	2986.0	3256.9	3527.7	3798.3	4069.2
45°	2500.5	2578.2	2655.5	2776.5	2897.5	3018.5	3139.5	3427.5	3715.3	4003.3	4291.0
47.5°	2900.5	2900.8	2901.1	2988.4	3075.7	3163.3	3250.5	3540.7	3830.5	4120.7	4410.5
50°	3200.6	3191.0	3181.6	3226.8	3271.6	3316.8	3361.9	3628.9	3896.1	4163.1	4430.1
52.5°	3630.1	3546.1	3462.4	3489.2	3515.7	3542.5	3569.0	3795.0	4021.3	4247.4	4473.4
55°	3985.2	3900.4	3815.5	3805.5	3795.6	3785.7	3775.8	3983.7	4191.7	4399.7	4607.7
57.5°	4279.0	4164.3	4049.9	4027.1	4004.5	3981.6	3958.7	4178.2	4397.3	4616.7	4835.8
60°	4434.6	4360.6	4286.5	4271.8	4256.7	4242.0	4226.9	4406.9	4586.9	4766.9	4946.9
62.5°	4486.7	4439.4	4392.5	4420.1	4447.8	4475.8	4503.5	4582.7	4661.5	4740.7	4819.5
65°	4401.2	4395.2	4389.1	4446.0	4502.6	4559.5	4616.4	4596.8	4577.0	4557.4	4537.8
67.5°	4062.9	4043.0	4023.5	4148.4	4273.0	4397.9	4522.8	4428.0	4332.9	4238.1	4143.2
70°	3330.3	3316.2	3302.3	3482.3	3662.3	3842.6	4022.6	3907.6	3792.6	3677.6	3562.7
72.5°	2347.3	2371.4	2395.5	2607.7	2819.5	3031.7	3243.6	3127.7	3011.9	2896.0	2780.1
75°	1570.5	1615.3	1660.2	1878.7	2097.2	2316.0	2534.5	2398.5	2262.4	2126.4	1990.4
77.5°	1184.6	1200.3	1215.9	1354.1	1492.2	1630.7	1768.8	1656.6	1544.0	1431.7	1319.2
80°	928.5	881.6	834.9	880.4	925.8	971.3	1016.7	949.6	882.5	815.6	748.5
82.5°	554.7	535.4	516.2	540.9	565.2	589.9	614.6	585.7	556.5	527.6	498.4
85°	249.8	269.1	288.0	313.0	337.7	362.7	387.7	347.3	307.0	266.7	226.3
87.5°	28.0	36.1	44.2	54.8	65.3	75.8	86.4	67.4	48.2	29.2	10.2
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



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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°	636.3	636.3
2.5°	828.3	843.6
5°	1086.2	1085.6
7.5°	1188.3	1169.9
10°	1120.5	1103.7
12.5°	1177.1	1134.1
15°	1187.7	1155.1
17.5°	1332.1	1278.8
20°	1506.4	1437.8
22.5°	1716.8	1622.6
25°	1920.5	1808.6
27.5°	2211.9	2144.5
30°	2432.5	2364.2
32.5°	2673.3	2626.9
35°	2968.5	2922.2
37.5°	3432.0	3443.8
40°	3732.7	3739.9
42.5°	4097.2	4125.2
45°	4322.3	4353.6
47.5°	4454.2	4497.8
50°	4500.5	4570.9
52.5°	4560.4	4647.1
55°	4704.3	4800.9
57.5°	4912.8	4989.9
60°	4950.5	4954.1
62.5°	4763.9	4708.2
65°	4478.5	4419.2
67.5°	4107.4	4071.3
70°	3515.1	3467.6
72.5°	2691.6	2603.1
75°	1880.8	1771.2
77.5°	1261.7	1204.2
80°	750.3	751.8
82.5°	512.3	525.8
85°	223.6	220.6
87.5°	7.2	3.9
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: P367161
CATALOG NUMBER: MSA-SA2A-730-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)