

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: P366897

Luminaire Tested: **MSA-SA1C-730-U-SLR-HSS**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P366897
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-SA1C-730-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: 4167 lumens
Efficiency: N/A
Efficacy: 70.6 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

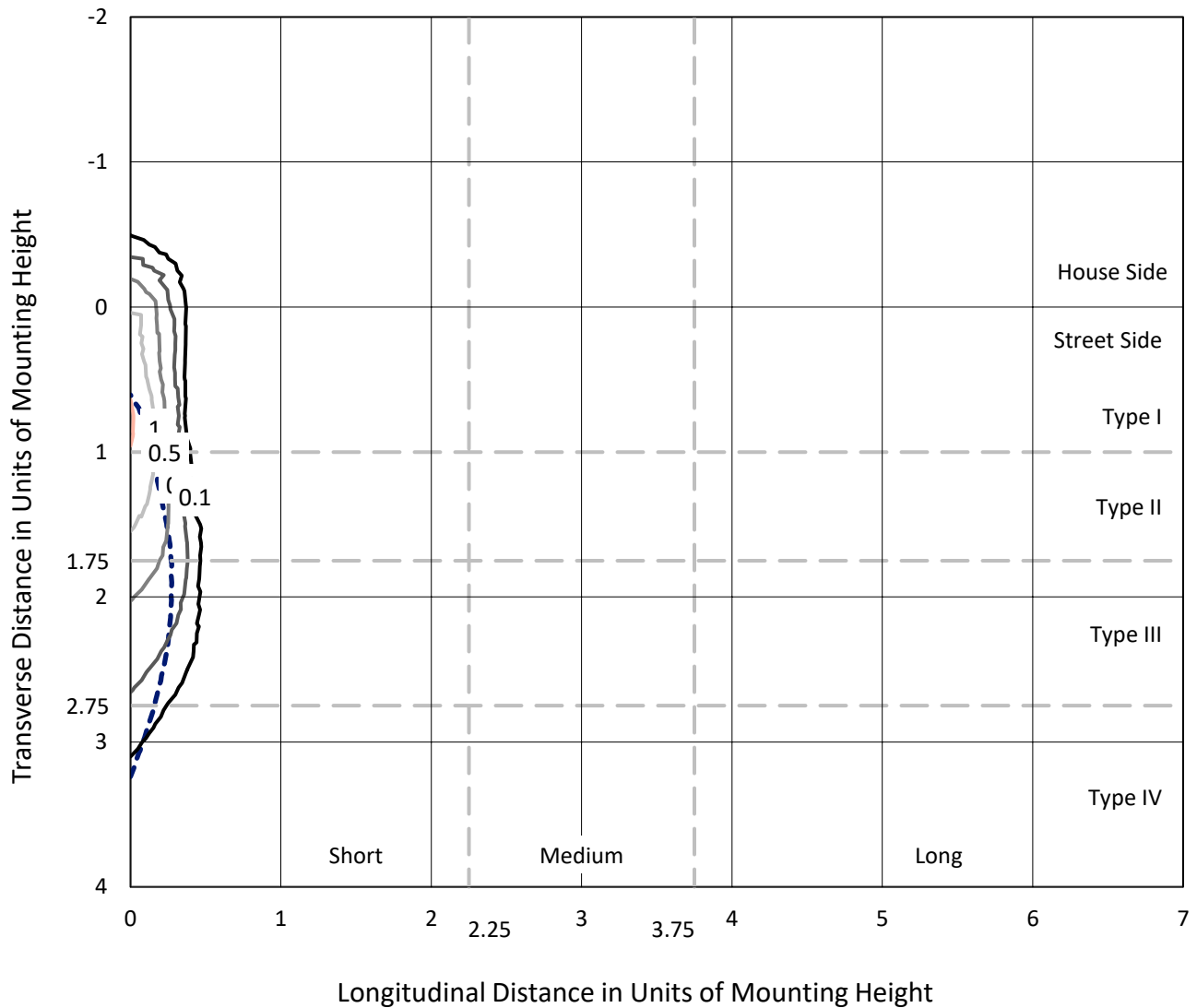
Input Watts (W): 59
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P366897
 CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

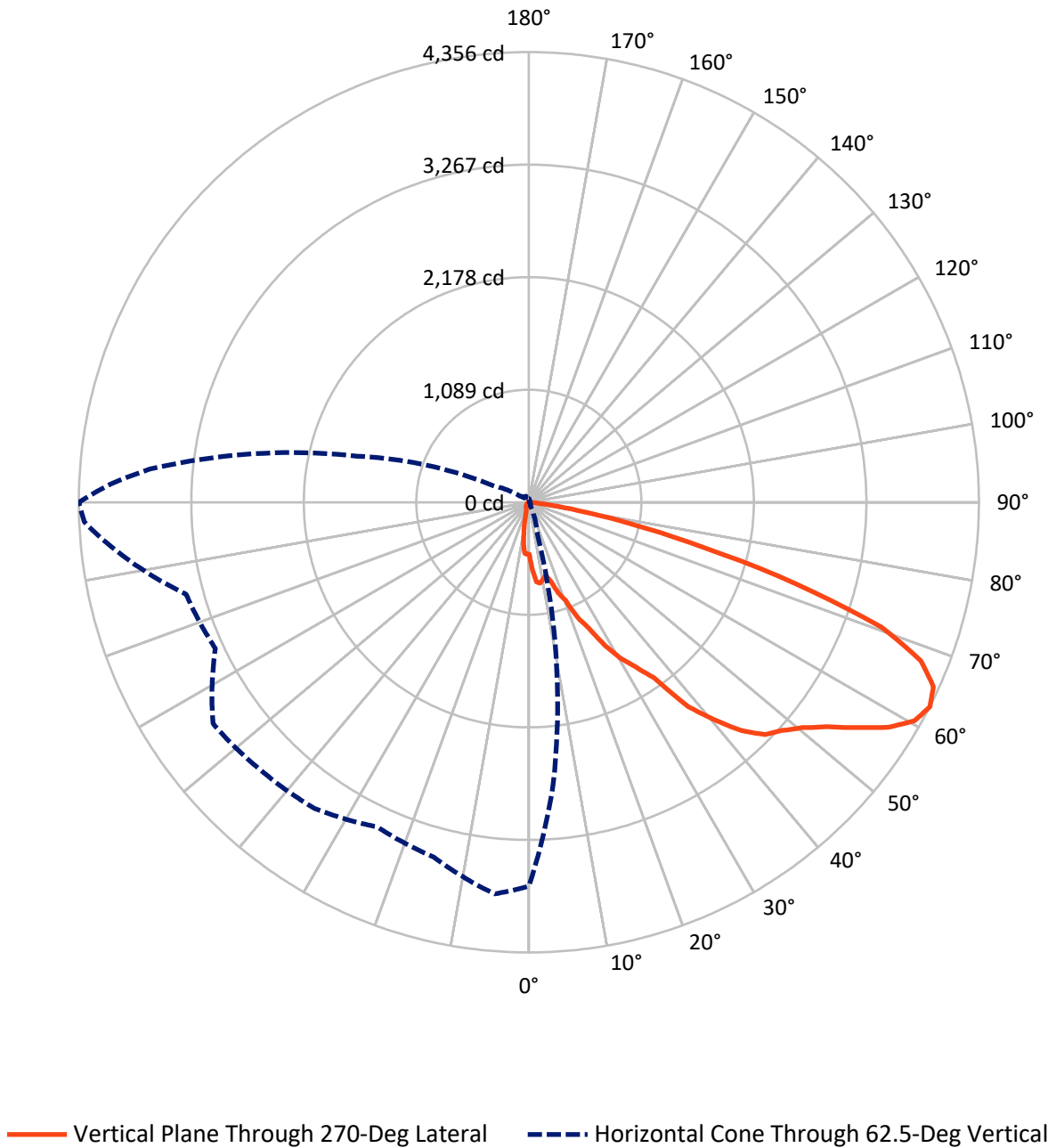
× Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P366897
CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

Luminous Intensity Polar Plot



REPORT NUMBER: P366897
 CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

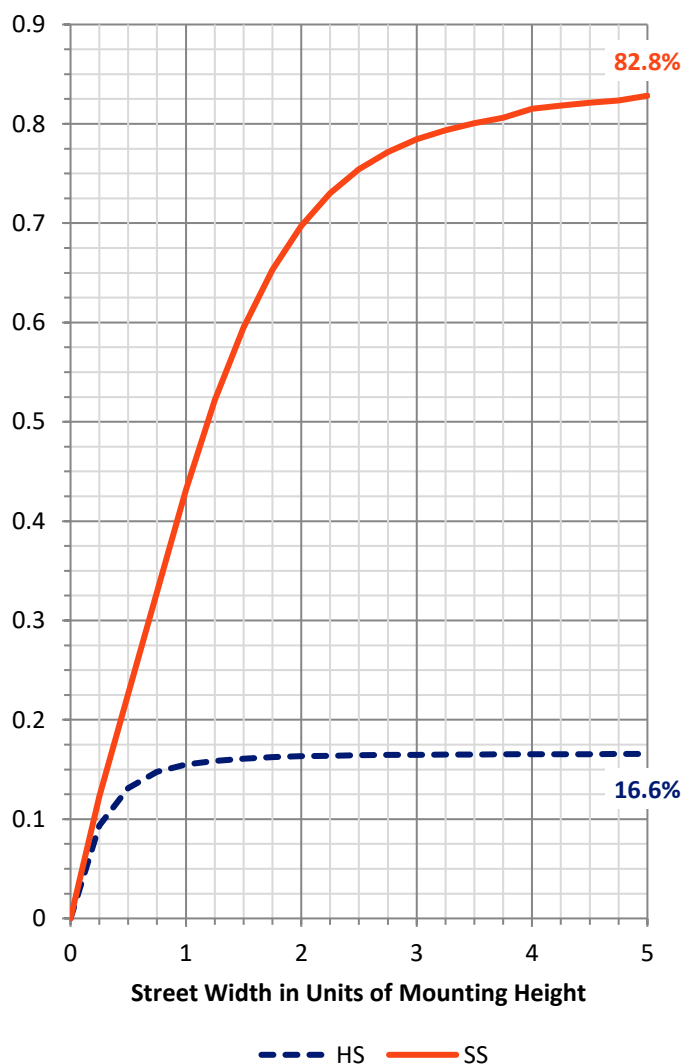
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	695.8	0.0	695.8
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	3471.2	0.0	3471.2
	% Fixture	83.3	0.0	83.3
Total	Lumens	4167.0	0.0	4167.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.1	1.3
10°-20°	146.6	3.5
20°-30°	236.9	5.7
30°-40°	396.7	9.5
40°-50°	648.6	15.6
50°-60°	960.1	23.0
60°-70°	1102.2	26.5
70°-80°	545.0	13.1
80°-90°	74.9	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°	4167.0	100.0
0°-180°	4167.0	100.0

Coefficient of Utilization



REPORT NUMBER: P366897

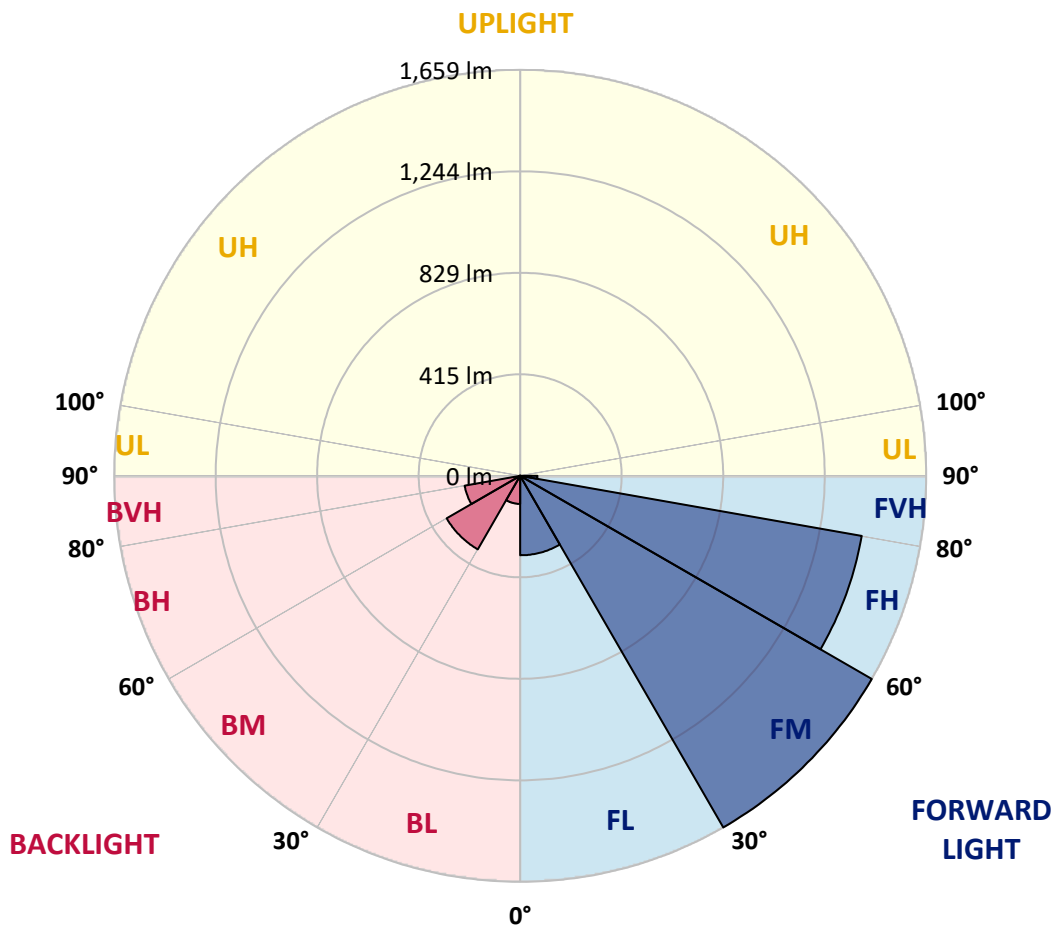
CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	324.6	7.8			
FM (30°-60°)	1658.7	39.8			
FH (60°-80°)	1417.0	34.0			G1/1800
FVH (80°-90°)	70.9	1.7			G1/100
BL (0°-30°)	114.9	2.8	B1/500		
BM (30°-60°)	346.7	8.3	B1/1000		
BH (60°-80°)	230.2	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





REPORT NUMBER: P366897

CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1
2.5°	665.8	674.1	682.2	666.8	651.3	635.9	620.4	606.7	592.9	578.9	565.1
5°	856.8	841.6	826.4	805.5	784.6	763.7	742.8	733.0	723.3	713.5	703.8
7.5°	923.3	896.2	868.9	850.4	832.1	813.5	795.0	765.8	736.3	707.1	677.7
10°	871.0	842.3	813.3	797.2	781.0	764.9	748.7	712.4	675.8	639.4	602.9
12.5°	895.0	863.9	832.8	799.5	766.3	733.0	699.8	672.0	643.9	616.2	588.1
15°	911.6	876.0	840.2	802.1	764.1	726.1	688.1	655.4	622.8	590.0	557.3
17.5°	1009.3	958.2	907.1	848.7	790.3	731.8	673.4	635.4	597.6	559.6	521.6
20°	1134.7	1062.2	989.6	910.5	831.4	752.3	673.2	625.9	578.6	531.4	484.1
22.5°	1280.5	1190.0	1099.3	1001.7	904.3	806.7	709.0	641.1	573.2	505.2	437.3
25°	1427.3	1345.6	1263.9	1132.6	1001.2	869.6	738.3	652.0	565.6	479.3	392.9
27.5°	1692.4	1546.3	1400.3	1233.0	1066.0	898.8	731.6	632.8	534.0	434.9	336.1
30°	1865.8	1753.5	1640.9	1420.0	1199.3	978.4	757.5	632.3	507.1	381.7	256.5
32.5°	2073.2	1908.8	1744.2	1504.5	1264.9	1025.2	785.5	638.5	491.2	344.2	196.9
35°	2306.2	2127.3	1948.5	1644.9	1341.3	1037.5	734.0	591.5	448.9	306.4	163.9
37.5°	2717.8	2418.6	2119.3	1765.3	1411.2	1057.3	703.1	560.8	418.3	276.0	133.5
40°	2951.6	2665.8	2380.1	1937.8	1495.5	1053.2	610.9	484.6	358.4	232.1	105.7
42.5°	3255.6	2893.1	2530.4	2036.1	1541.8	1047.5	553.2	436.3	319.5	202.4	85.5
45°	3435.9	3025.2	2614.5	2078.9	1543.2	1007.6	472.0	370.8	269.6	168.4	67.2
47.5°	3549.7	3137.8	2725.9	2150.9	1576.0	1001.0	425.9	332.8	239.7	146.6	53.4
50°	3607.4	3194.3	2781.0	2190.0	1599.1	1007.8	416.9	324.2	231.4	138.7	45.8
52.5°	3667.5	3269.2	2870.6	2258.0	1645.4	1032.8	420.2	325.7	231.4	136.8	42.3
55°	3788.9	3396.0	3002.9	2355.4	1707.9	1060.3	412.8	319.7	226.6	133.3	40.1
57.5°	3938.0	3518.1	3097.9	2426.6	1755.4	1084.1	412.8	319.2	225.7	131.8	38.2
60°	3909.8	3454.0	2997.9	2346.6	1695.3	1043.7	392.4	303.3	214.5	125.4	36.3
62.5°	3715.7	3220.9	2725.9	2124.0	1521.9	920.0	317.8	246.8	175.8	104.5	33.5
65°	3487.7	2962.5	2437.1	1883.2	1329.0	775.1	220.9	173.4	125.7	78.1	30.4
67.5°	3213.1	2653.0	2092.9	1600.3	1107.9	615.2	122.6	98.8	75.1	51.1	27.3
70°	2736.6	2158.5	1580.1	1201.4	823.0	444.4	65.8	55.6	45.4	35.2	24.9
72.5°	2054.4	1524.7	995.0	755.8	516.9	277.7	38.5	34.7	30.6	26.8	22.8
75°	1397.9	1001.0	604.0	459.9	315.9	171.7	27.6	25.7	23.5	21.6	19.5
77.5°	950.4	687.4	424.5	324.0	223.5	123.0	22.6	21.4	20.2	18.8	17.6
80°	593.4	406.2	219.0	168.6	118.1	67.7	17.1	16.4	15.7	14.7	14.0
82.5°	415.0	248.2	81.5	63.7	45.8	27.8	10.0	10.2	10.5	10.5	10.7
85°	174.1	94.1	14.0	11.9	9.7	7.6	5.5	5.9	6.7	7.1	7.6
87.5°	3.1	1.7	0.0	0.5	1.2	1.7	2.1	2.9	3.3	4.0	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



REPORT NUMBER: P366897
 CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P366897
 CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1
2.5°	568.7	572.2	575.5	579.1	576.3	573.6	570.8	567.9	563.7	559.6	555.4
5°	691.9	680.1	668.2	656.3	638.2	620.2	601.9	583.9	581.7	579.6	577.2
7.5°	649.9	622.1	594.1	566.3	540.1	514.0	487.9	461.8	453.7	445.8	437.8
10°	581.5	560.1	538.5	517.1	498.3	479.3	460.6	441.6	421.9	402.1	382.2
12.5°	565.8	543.5	520.9	498.6	481.5	464.4	447.3	430.2	408.1	386.0	363.9
15°	533.0	508.8	484.6	460.3	437.5	414.7	391.7	368.9	342.3	315.7	289.1
17.5°	492.9	464.4	435.6	406.9	377.0	347.0	317.1	287.2	256.5	226.1	195.5
20°	445.1	406.2	367.0	328.0	291.0	253.9	216.6	179.6	160.3	141.3	122.1
22.5°	386.9	336.3	286.0	235.4	205.0	174.3	143.9	113.3	105.0	96.7	88.4
25°	335.6	278.4	221.1	163.9	144.7	125.4	106.2	86.9	83.1	79.1	75.3
27.5°	282.2	228.5	174.6	120.7	109.7	98.6	87.6	76.5	73.9	71.5	68.9
30°	216.4	176.2	135.9	95.7	88.6	81.5	74.1	67.0	65.8	64.4	63.2
32.5°	167.7	138.2	109.0	79.6	75.5	71.5	67.5	63.4	61.5	59.6	57.5
35°	140.1	116.6	92.9	69.1	66.3	63.2	60.3	57.2	55.3	53.2	51.3
37.5°	116.2	99.1	81.7	64.4	61.3	58.2	54.9	51.8	50.4	48.9	47.5
40°	95.7	85.7	75.8	65.8	61.3	56.8	52.3	47.7	46.6	45.4	44.2
42.5°	79.1	72.7	66.0	59.6	56.3	53.2	49.9	46.6	44.9	43.0	41.3
45°	63.9	60.3	57.0	53.4	53.7	53.9	53.9	54.2	49.9	45.4	41.1
47.5°	51.8	50.1	48.2	46.6	48.5	50.4	52.0	53.9	49.4	44.9	40.1
50°	44.4	43.2	41.8	40.4	42.3	44.4	46.3	48.2	46.3	44.7	42.8
52.5°	40.6	39.0	37.3	35.6	36.3	37.3	38.0	38.7	38.7	38.7	38.7
55°	38.2	36.6	34.7	32.8	32.1	31.1	30.4	29.5	28.3	27.3	26.1
57.5°	36.3	34.4	32.3	30.4	29.2	27.8	26.6	25.2	24.0	22.6	21.4
60°	34.4	32.5	30.4	28.5	27.3	26.1	24.7	23.5	22.1	20.9	19.5
62.5°	31.8	30.2	28.5	26.8	25.7	24.7	23.5	22.3	20.9	19.5	17.8
65°	29.0	27.8	26.4	24.9	23.8	22.6	21.4	20.2	18.8	17.6	16.2
67.5°	26.4	25.2	24.2	23.0	21.6	20.4	19.0	17.6	16.6	15.7	14.5
70°	24.2	23.3	22.6	21.6	20.2	19.0	17.6	16.2	15.4	14.5	13.8
72.5°	22.1	21.4	20.4	19.7	18.5	17.3	16.2	15.0	14.3	13.5	12.8
75°	19.0	18.5	18.1	17.6	16.4	15.2	13.8	12.6	12.4	12.1	11.9
77.5°	17.1	16.9	16.4	15.9	14.7	13.5	12.4	11.2	11.4	11.6	11.6
80°	14.0	14.0	13.8	13.8	12.8	11.9	10.7	9.7	10.2	10.9	11.4
82.5°	10.7	10.7	10.7	10.7	9.7	8.8	7.8	6.9	7.6	8.1	8.8
85°	7.4	7.1	6.9	6.7	5.9	5.5	4.8	4.0	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: P366897
 CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1
2.5°	551.1	543.9	536.8	529.5	522.3	505.7	489.1	472.5	455.8	468.2	480.3
5°	575.1	561.3	547.3	533.5	519.5	513.3	507.4	501.2	495.0	496.0	497.2
7.5°	429.7	420.7	411.6	402.4	393.4	391.5	389.8	387.9	386.0	390.0	393.8
10°	362.5	349.9	337.1	324.5	311.6	304.8	297.9	291.0	284.1	283.4	282.4
12.5°	341.8	322.6	303.6	284.3	265.1	250.1	235.2	220.2	205.2	206.4	207.6
15°	262.5	243.2	224.2	205.0	185.8	173.6	161.3	149.2	136.8	133.3	129.7
17.5°	164.8	150.6	136.3	121.9	107.6	103.6	99.8	95.7	91.7	90.5	89.3
20°	102.9	96.7	90.5	84.1	77.9	77.0	76.0	75.1	74.1	74.8	75.5
22.5°	80.0	77.4	74.6	72.0	69.1	68.2	67.2	66.3	65.3	66.0	66.5
25°	71.3	69.4	67.5	65.6	63.7	62.7	61.5	60.6	59.4	59.9	60.6
27.5°	66.3	64.6	62.9	61.3	59.6	58.0	56.5	54.9	53.2	54.2	54.9
30°	61.8	59.9	58.2	56.3	54.4	52.7	51.1	49.2	47.5	48.5	49.4
32.5°	55.6	53.9	52.0	50.4	48.5	47.5	46.6	45.4	44.4	45.1	45.6
35°	49.2	47.7	46.6	45.1	43.7	42.8	42.0	41.1	40.1	40.4	40.9
37.5°	46.1	44.4	42.8	41.1	39.4	39.0	38.5	37.8	37.3	37.3	37.3
40°	43.0	41.3	39.7	37.8	36.1	35.4	34.7	34.0	33.3	33.3	33.3
42.5°	39.4	37.8	36.1	34.4	32.8	32.1	31.1	30.4	29.5	29.5	29.5
45°	36.6	34.9	33.5	31.8	30.2	29.0	27.8	26.4	25.2	24.9	24.7
47.5°	35.6	33.3	30.9	28.5	26.1	24.9	23.8	22.3	21.1	20.9	20.7
50°	40.9	36.1	31.4	26.6	21.9	20.9	20.0	19.0	18.1	17.6	17.3
52.5°	38.7	33.7	28.7	23.8	18.8	18.1	17.3	16.6	15.9	15.4	15.0
55°	24.9	22.8	20.9	18.8	16.6	16.2	15.7	15.0	14.5	14.0	13.5
57.5°	20.0	18.8	17.8	16.6	15.4	15.0	14.5	13.8	13.3	12.6	12.1
60°	18.1	17.1	16.2	15.2	14.3	13.8	13.3	12.8	12.4	11.6	11.2
62.5°	16.4	15.7	15.0	14.3	13.5	13.1	12.6	12.1	11.6	10.9	10.2
65°	14.7	14.3	13.8	13.3	12.8	12.4	11.9	11.2	10.7	10.0	9.3
67.5°	13.5	13.3	13.1	12.8	12.6	12.1	11.4	10.9	10.2	9.5	8.6
70°	12.8	12.8	12.8	12.6	12.6	12.1	11.4	10.9	10.2	9.3	8.6
72.5°	12.1	12.4	12.6	12.6	12.8	12.1	11.4	10.7	10.0	9.0	8.3
75°	11.6	11.9	12.1	12.1	12.4	11.9	11.4	10.7	10.2	9.3	8.3
77.5°	11.9	12.1	12.1	12.4	12.4	11.9	11.4	10.7	10.2	9.0	7.8
80°	11.9	11.6	11.4	10.9	10.7	9.7	8.8	7.6	6.7	5.2	4.0
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	4.0	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: P366897
 CATALOG NUMBER: MSA-SA1C-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: P366897
 CATALOG NUMBER: MSA-SA1C-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°	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1
2.5°	492.6	504.8	503.1	501.4	509.3	517.1	511.4	505.9	500.2	494.5	482.7
5°	498.1	499.1	497.4	495.5	495.7	496.0	492.2	488.4	484.6	480.8	480.1
7.5°	397.9	401.7	406.9	411.9	412.1	412.1	409.3	406.4	403.3	400.5	401.9
10°	281.7	280.8	282.2	283.6	283.4	282.9	290.5	298.1	305.5	313.1	307.6
12.5°	208.6	209.7	203.8	197.9	200.0	201.9	203.1	204.3	205.5	206.7	210.0
15°	126.1	122.6	118.3	114.0	116.2	118.1	120.2	122.1	124.2	126.1	128.3
17.5°	87.9	86.7	84.8	82.7	82.9	83.1	83.4	83.6	83.6	83.8	84.3
20°	76.2	77.0	75.5	73.9	73.4	72.7	72.2	71.7	71.0	70.5	69.8
22.5°	67.2	67.7	67.9	67.9	67.0	65.8	64.8	64.1	63.2	62.2	61.8
25°	61.0	61.5	61.0	60.3	59.9	59.4	58.9	58.2	57.7	57.0	56.8
27.5°	55.8	56.5	56.5	56.3	55.8	55.1	53.9	53.0	51.8	50.6	50.8
30°	50.4	51.3	51.3	51.1	50.8	50.6	49.4	48.2	47.0	45.8	46.3
32.5°	46.3	46.8	46.6	46.3	46.3	46.1	45.1	44.4	43.5	42.5	42.5
35°	41.1	41.3	41.3	41.3	41.3	41.1	40.4	39.7	39.0	38.2	38.5
37.5°	37.3	37.3	38.0	38.5	38.0	37.5	37.1	36.3	35.9	35.2	35.2
40°	33.0	33.0	33.7	34.2	33.7	33.3	33.0	32.5	32.3	31.8	31.8
42.5°	29.2	29.2	29.9	30.4	30.4	30.2	29.7	29.2	28.7	28.3	28.5
45°	24.5	24.2	25.4	26.4	25.9	25.4	25.4	25.2	25.2	24.9	25.2
47.5°	20.2	20.0	20.9	21.9	21.6	21.1	21.1	21.1	21.1	21.1	21.4
50°	16.9	16.4	17.3	18.1	17.8	17.3	17.3	17.6	17.6	17.6	17.8
52.5°	14.5	14.0	14.7	15.2	15.0	14.7	14.7	15.0	15.0	15.0	15.2
55°	12.8	12.4	13.1	13.5	13.3	12.8	13.1	13.1	13.3	13.3	13.3
57.5°	11.4	10.7	11.2	11.6	11.6	11.4	11.6	11.6	11.9	11.9	11.9
60°	10.5	9.7	10.2	10.5	10.5	10.2	10.5	10.5	10.7	10.7	10.7
62.5°	9.3	8.6	9.0	9.3	9.3	9.0	9.3	9.3	9.5	9.5	9.5
65°	8.3	7.6	7.8	8.1	8.1	8.1	8.3	8.3	8.6	8.6	8.6
67.5°	7.8	6.9	7.1	7.4	7.4	7.4	7.6	7.6	7.8	7.8	8.1
70°	7.6	6.7	6.9	6.9	7.1	7.1	7.1	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	5.9	6.2	6.2	6.2	6.4	6.4	6.4	6.4
77.5°	6.4	5.2	4.8	4.0	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: P366897
 CATALOG NUMBER: MSA-SA1C-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: P366897
 CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1
2.5°	470.8	458.9	447.0	452.7	458.4	464.1	469.8	469.4	468.7	468.2	467.5
5°	479.6	478.9	478.2	474.8	471.7	468.4	465.1	464.4	463.4	462.7	461.8
7.5°	403.3	404.5	405.9	402.1	398.3	394.5	390.7	381.0	371.3	361.3	351.5
10°	302.1	296.4	291.0	290.5	290.0	289.6	289.1	288.1	287.2	286.0	285.0
12.5°	213.5	216.9	220.2	219.0	217.8	216.4	215.2	216.9	218.8	220.4	222.1
15°	130.2	132.3	134.2	138.5	142.8	147.0	151.3	153.0	154.9	156.5	158.2
17.5°	84.8	85.0	85.5	90.3	94.8	99.5	104.0	107.1	110.2	113.1	116.2
20°	69.1	68.4	67.7	70.3	72.9	75.5	78.1	81.0	83.8	86.7	89.5
22.5°	61.5	61.0	60.6	61.5	62.5	63.2	64.1	66.3	68.6	70.8	72.9
25°	56.5	56.1	55.8	56.3	56.8	57.2	57.7	58.9	60.1	61.3	62.5
27.5°	50.8	51.1	51.1	51.5	51.8	52.3	52.5	53.0	53.7	54.2	54.6
30°	46.6	47.0	47.3	47.7	48.0	48.5	48.7	48.5	48.2	48.0	47.7
32.5°	42.5	42.3	42.3	42.8	43.0	43.5	43.7	44.2	44.7	44.9	45.4
35°	38.5	38.7	38.7	38.7	39.0	39.0	39.0	39.4	40.1	40.6	41.1
37.5°	34.9	34.9	34.7	35.4	35.9	36.6	37.1	37.5	38.2	38.7	39.2
40°	31.8	31.8	31.8	32.3	32.8	33.0	33.5	34.7	35.9	37.1	38.2
42.5°	28.5	28.7	28.7	29.2	29.7	29.9	30.4	31.4	32.1	33.0	33.7
45°	25.4	25.7	25.9	26.4	26.6	27.1	27.3	27.8	28.0	28.5	28.7
47.5°	21.9	22.1	22.3	22.8	23.0	23.5	23.8	23.5	23.5	23.3	23.0
50°	18.3	18.5	18.8	19.5	20.0	20.7	21.1	20.7	20.2	19.5	19.0
52.5°	15.4	15.4	15.7	16.2	16.6	16.9	17.3	17.1	16.9	16.6	16.4
55°	13.3	13.3	13.3	13.5	13.8	14.0	14.3	14.5	14.5	14.7	14.7
57.5°	11.9	11.6	11.6	11.9	12.1	12.1	12.4	12.6	12.6	12.8	12.8
60°	10.7	10.5	10.5	10.7	10.9	11.2	11.4	11.4	11.4	11.2	11.2
62.5°	9.5	9.5	9.5	9.7	9.7	10.0	10.0	10.0	10.2	10.2	10.2
65°	8.8	8.8	8.8	8.8	8.8	8.6	8.6	8.8	8.8	9.0	9.0
67.5°	8.1	8.3	8.3	8.1	7.8	7.6	7.4	7.6	7.6	7.8	7.8
70°	7.4	7.4	7.4	7.1	6.9	6.7	6.4	6.4	6.4	6.2	6.2
72.5°	6.9	6.7	6.7	6.4	5.9	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	4.0	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: P366897
 CATALOG NUMBER: MSA-SA1C-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: P366897

CATALOG NUMBER: MSA-SA1C-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°	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1
2.5°	470.1	472.7	475.3	477.9	478.2	478.4	478.6	478.9	472.9	466.8	460.8
5°	466.5	471.5	476.3	481.0	478.4	475.8	473.2	470.6	470.3	470.3	470.1
7.5°	352.3	352.7	353.4	353.9	354.9	355.8	356.5	357.5	361.3	365.1	368.6
10°	282.0	278.9	275.5	272.4	270.1	267.5	265.1	262.5	264.4	266.5	268.4
12.5°	219.5	216.9	214.0	211.4	210.5	209.5	208.3	207.4	213.5	219.7	225.7
15°	157.7	157.2	156.5	156.1	159.1	162.2	165.3	168.4	173.6	178.6	183.8
17.5°	117.3	118.5	119.7	120.9	122.8	124.7	126.4	128.3	132.1	136.1	139.9
20°	91.0	92.6	94.1	95.5	95.0	94.5	93.8	93.4	96.4	99.5	102.4
22.5°	74.3	75.5	77.0	78.1	78.4	78.6	78.9	79.1	81.0	82.7	84.6
25°	63.7	65.1	66.3	67.5	67.7	67.9	68.2	68.4	70.8	73.2	75.3
27.5°	56.3	57.7	59.4	60.8	61.3	61.8	62.2	62.7	64.1	65.3	66.7
30°	49.6	51.5	53.4	55.3	56.1	56.8	57.5	58.2	59.6	61.3	62.7
32.5°	46.3	47.5	48.5	49.4	51.1	52.5	54.2	55.6	57.2	59.1	60.8
35°	42.5	43.7	45.1	46.3	47.5	48.7	49.6	50.8	51.8	52.7	53.4
37.5°	40.1	41.3	42.3	43.2	43.7	44.2	44.4	44.9	45.4	45.8	46.1
40°	38.2	38.0	38.0	37.8	38.2	39.0	39.4	39.9	41.3	42.5	43.9
42.5°	33.3	32.5	32.1	31.4	32.5	33.5	34.7	35.6	37.5	39.4	41.3
45°	28.3	27.8	27.1	26.6	28.3	29.9	31.6	33.3	35.4	37.3	39.4
47.5°	23.3	23.5	23.5	23.8	25.4	27.1	28.5	30.2	32.3	34.4	36.6
50°	19.5	20.0	20.4	20.9	22.6	24.0	25.7	27.1	29.5	31.6	34.0
52.5°	17.1	17.8	18.3	19.0	20.4	22.1	23.5	24.9	27.1	29.2	31.4
55°	15.4	16.4	17.1	17.8	19.0	20.2	21.4	22.6	24.7	26.8	28.7
57.5°	13.5	14.3	15.0	15.7	16.9	18.1	19.0	20.2	22.1	24.2	26.1
60°	11.9	12.4	13.1	13.5	14.5	15.7	16.6	17.6	19.5	21.4	23.0
62.5°	10.5	10.9	11.2	11.4	12.4	13.3	14.3	15.2	16.9	18.8	20.4
65°	9.3	9.5	9.5	9.7	10.5	11.4	12.1	12.8	14.7	16.4	18.3
67.5°	7.8	8.1	8.1	8.1	8.8	9.5	10.2	10.9	12.6	14.5	16.2
70°	6.2	6.4	6.4	6.4	7.1	8.1	8.8	9.5	10.9	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	11.6
75°	3.1	3.3	3.3	3.6	4.3	5.2	5.9	6.7	7.8	9.0	10.0
77.5°	1.2	1.7	1.9	2.1	2.9	3.6	4.3	5.0	5.9	7.1	8.1
80°	0.0	0.2	0.2	0.2	0.7	1.0	1.4	1.7	2.4	3.3	4.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366897
 CATALOG NUMBER: MSA-SA1C-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: P366897
 CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1
2.5°	454.6	467.7	480.8	493.8	506.9	523.0	539.2	541.6	543.9	541.1	538.5
5°	469.8	476.3	482.4	488.8	495.0	513.5	531.8	532.1	532.1	532.3	532.3
7.5°	372.5	377.9	383.4	388.6	394.1	406.2	418.3	422.8	427.1	426.1	425.2
10°	270.3	277.4	284.3	291.5	298.3	309.5	320.7	324.9	329.0	342.0	355.3
12.5°	231.8	238.7	245.6	252.3	259.1	270.5	282.0	290.3	298.3	306.4	314.5
15°	188.8	194.3	200.0	205.5	210.9	216.2	221.4	231.6	241.6	249.6	257.7
17.5°	143.7	146.1	148.2	150.6	152.7	155.1	157.5	161.8	165.8	172.9	179.8
20°	105.5	107.4	109.3	110.9	112.8	115.2	117.6	120.7	123.5	125.2	126.6
22.5°	86.2	89.1	91.9	94.5	97.4	99.1	100.7	101.7	102.6	103.3	104.0
25°	77.7	80.3	82.7	85.3	87.6	88.4	89.1	91.0	92.9	92.9	92.9
27.5°	67.9	71.5	75.3	78.9	82.4	83.4	84.1	84.8	85.3	84.3	83.1
30°	64.1	67.7	71.3	74.6	78.1	79.6	80.8	81.5	82.2	81.0	79.8
32.5°	62.5	65.8	68.9	72.2	75.3	77.2	78.9	80.8	82.4	82.7	83.1
35°	54.4	56.5	58.9	61.0	63.2	64.1	65.1	65.8	66.3	66.3	66.3
37.5°	46.6	49.4	52.5	55.3	58.2	60.3	62.5	62.7	62.7	63.2	63.9
40°	45.1	48.0	50.8	53.4	56.3	58.7	60.8	61.0	61.3	61.8	62.2
42.5°	43.2	46.3	49.4	52.5	55.6	58.0	60.1	60.1	59.9	60.6	61.0
45°	41.3	44.4	47.3	50.4	53.2	56.3	59.1	58.4	57.5	58.7	59.6
47.5°	38.7	42.0	45.4	48.5	51.8	54.6	57.2	56.8	56.1	57.2	58.4
50°	36.1	39.4	42.8	46.1	49.4	52.5	55.3	54.9	54.4	55.8	57.0
52.5°	33.5	36.8	40.4	43.7	47.0	49.6	52.0	51.8	51.5	53.0	54.6
55°	30.9	34.0	37.3	40.4	43.5	46.3	48.9	48.5	48.0	49.2	50.4
57.5°	28.0	31.1	34.0	37.1	39.9	42.3	44.4	43.7	43.0	44.4	45.8
60°	24.9	27.8	30.6	33.3	36.1	38.0	39.7	39.2	38.5	39.9	41.3
62.5°	22.1	24.7	27.3	29.7	32.3	33.7	35.2	34.7	34.2	35.6	37.3
65°	20.0	22.1	24.0	26.1	28.0	29.5	30.9	30.2	29.5	31.1	32.5
67.5°	17.8	19.5	21.4	23.0	24.7	25.9	27.1	26.6	25.9	27.1	28.3
70°	15.2	16.9	18.5	20.0	21.6	22.8	24.0	23.3	22.3	23.5	24.7
72.5°	12.8	14.3	15.7	16.9	18.3	19.2	20.2	19.5	18.8	19.7	20.7
75°	11.2	12.4	13.5	14.5	15.7	16.2	16.6	16.4	15.9	16.9	17.6
77.5°	9.0	10.0	11.2	12.1	13.1	13.1	13.1	13.3	13.3	14.3	15.4
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: P366897
 CATALOG NUMBER: MSA-SA1C-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: P366897
 CATALOG NUMBER: MSA-SA1C-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°	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1
2.5°	535.6	532.8	530.9	529.2	527.3	525.4	527.8	530.2	532.3	534.7	541.8
5°	532.5	532.5	530.9	529.2	527.6	525.9	529.5	532.8	536.3	539.7	539.4
7.5°	424.0	423.0	433.0	442.8	452.7	462.5	465.1	467.7	470.1	472.7	472.0
10°	368.4	381.5	385.8	390.0	394.3	398.6	403.8	409.0	414.3	419.5	421.4
12.5°	322.6	330.6	344.4	358.0	371.7	385.3	392.2	399.3	406.2	413.1	426.6
15°	265.8	273.9	285.8	297.6	309.5	321.4	332.3	343.5	354.4	365.3	381.7
17.5°	186.9	193.8	202.9	211.9	220.7	229.7	246.6	263.4	280.3	297.2	314.5
20°	128.3	129.7	134.0	138.5	142.8	147.0	162.2	177.7	192.9	208.1	230.9
22.5°	104.5	105.2	107.4	109.5	111.4	113.5	121.4	129.5	137.3	145.1	163.7
25°	92.6	92.6	94.1	95.5	96.9	98.3	102.6	106.9	110.9	115.2	127.1
27.5°	82.2	81.0	83.1	85.3	87.4	89.5	92.6	96.0	99.1	102.1	110.2
30°	78.6	77.4	80.0	82.7	85.3	87.9	91.0	94.1	96.9	100.0	105.5
32.5°	83.4	83.6	84.6	85.5	86.2	87.2	88.6	90.3	91.7	93.1	97.9
35°	66.3	66.3	67.9	69.6	71.0	72.7	75.3	77.9	80.5	83.1	88.1
37.5°	64.4	64.8	66.3	67.9	69.4	70.8	74.1	77.7	81.0	84.3	88.4
40°	62.5	62.9	64.8	66.7	68.6	70.5	73.9	77.0	80.3	83.4	87.2
42.5°	61.8	62.2	64.6	67.2	69.6	72.0	74.8	77.7	80.3	83.1	88.4
45°	60.8	61.8	64.6	67.7	70.5	73.4	76.0	78.6	81.2	83.8	90.3
47.5°	59.4	60.6	63.9	67.0	70.3	73.4	78.4	83.6	88.6	93.6	96.7
50°	58.4	59.6	63.2	66.7	70.3	73.9	81.9	90.0	97.9	105.9	104.3
52.5°	56.1	57.5	62.0	66.5	71.0	75.5	82.7	89.8	96.9	104.0	100.7
55°	51.5	52.7	58.0	63.2	68.2	73.4	78.6	83.8	88.8	94.1	90.3
57.5°	47.0	48.5	53.4	58.4	63.2	68.2	70.8	73.4	76.0	78.6	77.2
60°	42.8	44.2	50.8	57.5	64.1	70.8	68.4	66.0	63.4	61.0	62.7
62.5°	38.7	40.1	46.6	52.7	59.1	65.3	62.0	58.7	55.3	52.0	54.6
65°	34.2	35.6	38.0	40.6	43.0	45.4	45.1	44.7	44.4	43.9	46.8
67.5°	29.5	30.6	31.8	33.3	34.4	35.6	36.3	37.3	38.0	38.7	41.1
70°	25.7	26.8	28.3	29.5	30.9	32.1	32.5	33.0	33.3	33.7	35.9
72.5°	21.4	22.3	24.2	26.1	27.8	29.7	29.9	29.9	30.2	30.2	31.8
75°	18.5	19.2	20.7	22.1	23.3	24.7	25.4	26.1	26.6	27.3	28.3
77.5°	16.4	17.3	17.8	18.1	18.5	18.8	19.2	19.7	20.2	20.7	20.9
80°	12.1	13.3	13.8	14.0	14.5	14.7	14.7	14.5	14.5	14.3	14.5
82.5°	3.8	4.3	5.0	5.7	6.4	7.1	7.4	7.6	7.6	7.8	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: P366897
 CATALOG NUMBER: MSA-SA1C-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: P366897
 CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1
2.5°	548.9	555.8	563.0	560.1	557.3	554.4	551.5	552.0	552.7	553.2	553.7
5°	539.2	538.7	538.5	546.6	554.9	563.0	571.0	579.8	588.8	597.6	606.4
7.5°	471.3	470.3	469.6	480.1	490.5	501.0	511.4	523.5	535.9	548.0	560.1
10°	423.3	425.2	427.1	431.4	435.9	440.1	444.4	456.1	467.7	479.1	490.7
12.5°	440.1	453.4	467.0	469.6	472.0	474.6	477.0	478.6	480.3	482.0	483.6
15°	398.3	414.7	431.1	438.0	444.7	451.5	458.2	475.8	493.1	510.7	528.0
17.5°	331.8	348.9	366.3	386.9	407.6	428.3	448.9	467.9	486.9	505.9	524.9
20°	253.9	276.7	299.5	325.7	352.0	378.2	404.3	423.3	442.0	461.0	479.8
22.5°	182.4	201.0	219.5	251.1	282.4	314.0	345.4	378.4	411.6	444.7	477.7
25°	139.0	150.6	162.5	193.6	224.7	255.6	286.7	332.1	377.4	422.8	468.2
27.5°	118.1	126.1	134.0	162.0	190.0	217.8	245.8	299.8	353.7	407.6	461.5
30°	111.2	116.6	122.1	145.8	169.8	193.6	217.3	272.0	326.6	381.2	435.9
32.5°	102.6	107.1	111.9	132.8	153.7	174.3	195.3	248.7	302.1	355.3	408.8
35°	92.9	97.9	102.6	123.5	144.4	165.1	186.0	241.3	296.7	352.0	407.4
37.5°	92.2	96.2	100.0	124.2	148.7	172.9	197.2	252.5	307.8	362.9	418.3
40°	91.2	95.0	98.8	123.5	148.0	172.7	197.2	255.1	313.1	371.0	429.0
42.5°	93.6	98.6	103.8	125.7	147.5	169.1	191.0	252.0	313.1	373.9	434.9
45°	96.9	103.3	109.7	129.7	149.6	169.6	189.6	255.8	322.1	388.1	454.4
47.5°	100.0	103.1	106.2	125.2	143.9	162.9	181.7	249.4	317.1	384.8	452.5
50°	102.9	101.2	99.5	120.4	141.3	162.0	182.9	247.5	311.9	376.5	440.9
52.5°	97.2	93.8	90.3	112.6	134.9	157.0	179.3	244.4	309.5	374.6	439.7
55°	86.5	82.7	78.9	101.0	122.8	144.9	166.7	231.6	296.4	361.3	426.1
57.5°	75.5	74.1	72.4	89.3	106.2	122.8	139.7	211.6	283.9	355.8	427.8
60°	64.4	65.8	67.5	79.6	91.7	103.6	115.7	186.2	256.5	327.1	397.4
62.5°	57.0	59.6	62.0	72.2	82.7	92.9	103.1	169.6	236.1	302.6	369.1
65°	49.9	52.7	55.6	67.7	80.0	92.2	104.3	160.6	216.9	273.2	329.5
67.5°	43.5	45.6	48.0	63.9	79.8	95.7	111.6	157.7	203.6	249.6	295.5
70°	38.0	39.9	42.0	60.6	79.1	97.6	116.2	155.3	194.8	234.0	273.2
72.5°	33.5	35.2	36.8	55.6	74.3	93.1	111.9	146.8	181.5	216.4	251.1
75°	29.2	29.9	30.9	46.8	62.5	78.4	94.1	117.3	140.9	164.1	187.4
77.5°	21.1	21.1	21.4	26.1	30.6	35.4	39.9	54.4	68.9	83.1	97.6
80°	14.5	14.7	14.7	16.6	18.3	20.2	21.9	24.9	27.8	30.9	33.7
82.5°	7.4	6.9	6.7	8.6	10.5	12.4	14.3	15.0	15.4	16.2	16.6
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: P366897
 CATALOG NUMBER: MSA-SA1C-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: P366897

CATALOG NUMBER: MSA-SA1C-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°	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1
2.5°	551.8	549.9	548.0	546.1	557.7	569.6	581.2	592.9	625.9	647.5	645.1
5°	615.0	623.5	632.1	640.6	654.4	668.4	682.2	696.0	744.9	774.8	779.1
7.5°	573.4	586.5	599.8	612.8	639.4	665.8	692.4	718.8	758.9	790.0	807.6
10°	505.7	520.7	535.4	550.4	580.3	610.5	640.4	670.3	715.4	758.4	780.5
12.5°	507.1	530.6	554.2	577.7	603.8	629.9	655.8	682.0	709.5	724.0	755.1
15°	546.6	565.1	583.6	602.1	636.3	670.6	704.5	738.7	755.1	790.0	826.4
17.5°	561.1	597.4	633.5	669.6	712.4	754.9	797.6	840.2	871.0	919.5	957.0
20°	534.2	588.6	642.8	697.2	755.8	814.5	873.2	931.8	965.6	1011.6	1069.6
22.5°	535.4	593.1	650.6	708.3	789.3	870.1	951.1	1031.8	1122.3	1211.2	1239.4
25°	543.7	619.2	694.5	770.1	863.7	957.3	1050.8	1144.4	1253.7	1347.0	1384.6
27.5°	546.6	631.6	716.4	801.4	934.5	1067.5	1200.5	1333.5	1463.9	1569.4	1609.5
30°	539.7	643.7	747.5	851.3	1014.5	1177.7	1340.9	1504.1	1627.8	1750.6	1800.5
32.5°	541.3	673.9	806.4	939.0	1131.1	1323.5	1515.7	1707.9	1787.0	1897.6	1985.5
35°	552.7	698.1	843.2	988.6	1201.2	1413.8	1626.4	1839.0	1968.7	2085.5	2160.1
37.5°	579.3	740.4	901.2	1062.2	1323.5	1585.1	1846.3	2107.6	2308.3	2509.1	2543.3
40°	599.1	769.1	939.2	1109.3	1412.6	1715.9	2019.3	2322.6	2549.7	2767.5	2790.8
42.5°	621.4	807.6	994.1	1180.3	1519.5	1858.7	2197.9	2537.1	2800.0	3022.1	3037.6
45°	645.8	837.5	1029.0	1220.4	1575.8	1930.9	2286.2	2641.4	2948.5	3206.4	3148.3
47.5°	657.5	862.5	1067.5	1272.5	1653.5	2034.2	2415.2	2796.0	3071.5	3299.1	3231.2
50°	666.5	891.9	1117.6	1343.0	1742.5	2142.1	2541.6	2941.1	3217.4	3427.4	3320.9
52.5°	691.9	944.0	1196.2	1448.2	1873.2	2297.9	2722.8	3147.5	3414.8	3607.6	3458.5
55°	716.6	1006.9	1297.4	1587.7	2044.7	2501.9	2958.9	3416.0	3682.0	3847.3	3644.7
57.5°	747.8	1067.9	1387.9	1707.9	2196.7	2685.5	3174.1	3663.0	3923.1	4105.7	3895.3
60°	739.7	1081.7	1424.0	1766.1	2263.9	2761.8	3259.7	3757.5	4066.6	4291.0	4148.3
62.5°	708.3	1047.5	1386.5	1725.7	2214.8	2703.6	3192.7	3681.5	4051.8	4355.9	4307.9
65°	644.9	960.1	1275.5	1590.8	2057.7	2525.0	2992.0	3458.9	3916.0	4302.9	4320.0
67.5°	561.5	827.6	1093.4	1359.4	1795.0	2230.7	2666.1	3101.7	3641.1	4092.4	4143.3
70°	473.2	672.9	872.9	1072.7	1456.1	1839.4	2222.6	2606.0	3166.8	3620.9	3716.9
72.5°	379.3	507.8	636.1	764.4	1041.1	1317.6	1594.3	1870.8	2364.2	2716.7	2884.1
75°	245.8	304.3	362.7	421.1	605.5	789.6	973.9	1158.0	1485.5	1745.1	1934.5
77.5°	109.5	121.4	133.0	144.9	287.2	429.5	571.7	714.0	856.3	1013.1	1057.5
80°	39.2	44.4	49.9	55.1	124.9	195.0	264.8	334.7	403.6	484.6	504.3
82.5°	16.4	16.4	16.2	15.9	40.9	65.8	90.7	115.7	133.7	153.7	157.5
85°	6.7	5.0	3.1	1.2	5.2	9.5	13.5	17.6	28.3	25.7	47.5
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: P366897
 CATALOG NUMBER: MSA-SA1C-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: P366897

CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1
2.5°	636.1	635.6	635.2	634.7	634.2	625.7	617.3	608.8	600.5	610.9	621.4
5°	772.2	784.6	796.9	809.5	821.9	825.4	829.0	832.6	836.1	843.7	851.3
7.5°	822.3	843.2	863.9	884.8	905.5	924.7	943.7	963.0	982.2	977.4	972.7
10°	805.0	842.8	880.5	918.5	956.3	964.6	972.9	981.5	989.8	1011.4	1033.0
12.5°	786.2	831.6	877.0	922.3	967.7	992.9	1017.8	1043.0	1068.2	1090.0	1111.9
15°	875.3	904.3	933.3	962.5	991.5	1013.5	1035.4	1057.5	1079.3	1094.5	1109.5
17.5°	992.4	1006.7	1020.9	1035.4	1049.7	1067.0	1084.3	1101.7	1119.0	1128.0	1137.1
20°	1116.2	1122.3	1128.5	1134.7	1140.9	1127.1	1113.3	1099.5	1085.8	1094.3	1102.6
22.5°	1240.4	1242.5	1244.9	1247.0	1249.2	1217.1	1185.0	1153.0	1120.9	1107.4	1093.8
25°	1431.6	1415.9	1400.3	1384.6	1368.9	1330.9	1292.9	1254.9	1216.9	1183.4	1149.9
27.5°	1638.7	1585.5	1532.6	1479.4	1426.4	1388.4	1350.4	1312.4	1274.4	1224.0	1173.6
30°	1847.5	1761.8	1676.3	1590.5	1505.0	1459.9	1414.7	1369.4	1324.2	1273.9	1223.8
32.5°	2039.0	1935.9	1832.8	1729.5	1626.4	1550.4	1474.4	1398.4	1322.3	1287.2	1252.0
35°	2197.6	2075.8	1953.9	1831.8	1710.0	1634.7	1559.4	1484.1	1408.8	1356.5	1304.5
37.5°	2468.9	2331.9	2194.8	2057.7	1920.7	1817.8	1715.2	1612.4	1509.5	1474.6	1439.7
40°	2719.0	2546.3	2373.7	2201.0	2028.3	1942.1	1856.1	1769.9	1683.9	1626.6	1569.6
42.5°	2917.8	2735.9	2554.2	2372.2	2190.3	2105.0	2020.0	1934.7	1849.4	1811.2	1773.2
45°	2960.8	2789.3	2618.1	2446.6	2275.1	2225.4	2176.0	2126.4	2077.0	2050.6	2024.5
47.5°	3045.6	2859.6	2673.9	2487.9	2301.9	2279.6	2257.3	2234.7	2212.4	2225.0	2237.6
50°	3093.1	2903.4	2713.6	2523.8	2334.0	2340.4	2346.6	2353.0	2359.4	2448.7	2537.8
52.5°	3185.3	2993.6	2801.9	2610.2	2418.6	2458.9	2499.1	2539.5	2579.6	2702.6	2825.4
55°	3349.9	3161.6	2973.2	2784.6	2596.2	2649.4	2702.6	2756.1	2809.3	2939.9	3070.3
57.5°	3593.9	3406.9	3220.2	3033.3	2846.6	2899.6	2952.5	3005.5	3058.5	3176.5	3294.3
60°	3901.0	3709.1	3517.4	3325.5	3133.8	3153.7	3173.4	3193.4	3213.3	3340.2	3466.8
62.5°	4140.2	3963.7	3787.5	3611.0	3434.7	3412.6	3390.8	3368.7	3346.8	3443.3	3539.5
65°	4195.8	4071.5	3947.5	3823.3	3699.1	3631.2	3563.5	3495.5	3427.6	3466.5	3505.5
67.5°	4036.6	3952.8	3869.2	3785.3	3701.5	3559.7	3417.9	3275.8	3134.0	3113.3	3092.7
70°	3667.3	3621.4	3575.8	3530.0	3484.4	3265.8	3047.5	2829.0	2610.7	2558.2	2505.7
72.5°	2893.9	2922.4	2950.9	2979.6	3008.1	2774.1	2540.4	2306.4	2072.5	2006.0	1939.7
75°	2040.6	2137.3	2234.0	2330.7	2427.3	2214.0	2001.0	1787.7	1574.4	1510.5	1446.8
77.5°	1106.4	1287.7	1468.9	1650.1	1831.4	1655.4	1479.6	1303.6	1127.6	1083.1	1039.0
80°	524.5	629.0	733.3	837.8	942.3	902.6	863.0	823.0	783.4	793.1	802.9
82.5°	160.8	236.3	311.9	387.4	463.0	468.9	474.6	480.5	486.5	501.2	515.7
85°	53.9	73.9	93.8	113.8	133.7	168.9	204.0	239.4	274.6	251.8	229.2
87.5°	0.0	0.7	1.2	1.9	2.4	7.4	12.4	17.3	22.3	19.2	16.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366897
 CATALOG NUMBER: MSA-SA1C-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: P366897

CATALOG NUMBER: MSA-SA1C-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°	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1
2.5°	632.1	642.5	642.8	643.2	643.5	643.7	644.9	646.1	647.5	648.7	640.9
5°	859.2	866.8	852.7	838.7	824.5	810.5	823.0	835.6	848.2	860.8	855.4
7.5°	967.7	963.0	961.3	959.9	958.2	956.8	961.5	966.3	971.0	975.8	975.3
10°	1054.6	1076.3	1081.5	1086.7	1092.2	1097.4	1086.5	1075.5	1064.6	1053.7	1049.2
12.5°	1133.7	1155.6	1172.9	1190.3	1207.9	1225.2	1209.5	1194.1	1178.4	1163.0	1148.2
15°	1124.7	1139.7	1153.9	1168.2	1182.4	1196.7	1191.5	1186.5	1181.2	1176.0	1173.6
17.5°	1146.3	1155.4	1152.0	1148.7	1145.1	1141.8	1140.2	1138.7	1137.1	1135.4	1129.7
20°	1111.2	1119.7	1117.6	1115.7	1113.6	1111.4	1110.0	1108.6	1107.1	1105.7	1101.2
22.5°	1080.3	1066.8	1063.2	1059.9	1056.3	1053.0	1053.5	1053.9	1054.2	1054.6	1075.1
25°	1116.4	1082.9	1069.8	1056.8	1043.5	1030.4	1036.4	1042.1	1048.0	1053.9	1083.4
27.5°	1123.1	1072.7	1051.8	1030.9	1010.0	989.1	1010.5	1031.8	1053.2	1074.6	1122.3
30°	1173.4	1123.3	1094.1	1065.1	1035.9	1006.9	1034.2	1061.5	1088.8	1116.2	1167.9
32.5°	1216.6	1181.5	1160.6	1139.7	1118.8	1097.9	1099.1	1100.0	1101.2	1102.4	1175.3
35°	1252.3	1200.3	1181.2	1162.5	1143.5	1124.7	1153.0	1181.2	1209.5	1237.8	1303.3
37.5°	1404.8	1369.8	1334.9	1300.3	1265.3	1230.7	1253.2	1275.8	1298.6	1321.2	1393.6
40°	1512.4	1455.4	1446.3	1437.5	1428.5	1419.7	1431.4	1442.8	1454.4	1466.0	1529.5
42.5°	1734.9	1696.7	1672.2	1648.0	1623.5	1599.3	1608.6	1617.8	1627.3	1636.6	1696.7
45°	1998.1	1971.8	1955.6	1939.5	1923.1	1906.9	1892.9	1879.1	1865.1	1851.3	1912.4
47.5°	2250.1	2262.7	2298.4	2333.8	2369.4	2404.8	2375.8	2346.8	2317.6	2288.6	2288.9
50°	2627.1	2716.2	2734.2	2752.0	2770.1	2787.9	2726.2	2664.4	2602.4	2540.6	2533.3
52.5°	2948.5	3071.3	3077.7	3084.1	3090.8	3097.2	3072.2	3047.3	3022.1	2997.2	2930.9
55°	3201.0	3331.4	3340.2	3348.7	3357.5	3366.1	3344.2	3322.6	3300.7	3278.9	3211.9
57.5°	3412.4	3530.2	3535.4	3540.4	3545.6	3550.9	3552.5	3554.2	3556.1	3557.8	3467.3
60°	3593.6	3720.5	3710.0	3699.8	3689.3	3679.1	3663.5	3647.8	3632.1	3616.4	3558.0
62.5°	3635.9	3732.3	3716.2	3700.3	3684.1	3668.2	3654.9	3641.8	3628.5	3615.2	3577.9
65°	3544.5	3583.4	3566.8	3550.2	3533.3	3516.7	3508.1	3499.8	3491.2	3482.7	3477.9
67.5°	3071.8	3051.1	3070.8	3090.5	3110.2	3130.0	3156.8	3183.6	3210.7	3237.6	3221.9
70°	2453.0	2400.5	2422.4	2444.0	2465.8	2487.4	2528.1	2568.7	2609.5	2650.1	2639.2
72.5°	1873.2	1806.7	1809.8	1812.8	1816.2	1819.3	1818.1	1817.1	1815.9	1814.7	1833.7
75°	1382.9	1319.0	1288.8	1258.7	1228.5	1198.3	1191.0	1183.6	1176.3	1168.9	1204.3
77.5°	994.5	950.4	929.7	909.3	888.6	868.2	878.6	889.1	899.8	910.2	922.6
80°	812.8	822.6	806.7	791.0	775.1	759.2	771.0	782.7	794.5	806.4	769.6
82.5°	530.4	544.9	496.0	447.0	398.1	349.2	378.9	408.6	438.5	468.2	453.0
85°	206.4	183.8	156.8	129.9	102.9	75.8	98.6	121.4	144.2	167.0	182.2
87.5°	13.3	10.5	8.3	6.2	3.8	1.7	3.6	5.5	7.6	9.5	15.9
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: P366897
 CATALOG NUMBER: MSA-SA1C-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: P366897

CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1	502.1
2.5°	633.3	625.4	617.8	602.9	587.9	572.9	558.0	578.9	599.8	620.7	641.6
5°	850.1	844.7	839.4	840.9	842.3	844.0	845.4	848.5	851.6	854.4	857.5
7.5°	975.1	974.6	974.1	963.2	952.3	941.1	930.2	935.6	941.1	946.6	952.0
10°	1044.9	1040.4	1035.9	1011.9	987.9	963.7	939.7	929.2	918.5	908.1	897.6
12.5°	1133.5	1118.5	1103.8	1078.2	1052.7	1027.1	1001.4	991.9	982.2	972.7	963.0
15°	1171.5	1169.1	1167.0	1148.7	1130.2	1111.9	1093.4	1060.8	1028.0	995.5	963.0
17.5°	1124.0	1118.1	1112.4	1141.3	1170.1	1199.1	1228.0	1194.3	1160.6	1126.9	1093.1
20°	1096.7	1092.2	1087.7	1141.6	1195.3	1249.2	1302.9	1287.9	1272.7	1257.7	1242.8
22.5°	1095.5	1116.2	1136.6	1183.9	1230.9	1278.2	1325.2	1351.1	1377.2	1403.1	1429.0
25°	1112.8	1142.5	1172.0	1250.4	1328.8	1407.4	1485.8	1515.5	1544.9	1574.6	1604.1
27.5°	1169.8	1217.6	1265.1	1333.5	1401.9	1470.6	1539.0	1603.8	1668.9	1733.7	1798.6
30°	1219.5	1271.3	1323.1	1404.5	1485.8	1567.2	1648.5	1729.7	1810.9	1892.2	1973.4
32.5°	1248.2	1321.4	1394.3	1493.4	1592.2	1691.2	1790.3	1879.4	1968.4	2057.3	2146.3
35°	1368.9	1434.7	1500.3	1609.8	1719.3	1829.0	1938.5	2048.7	2158.9	2268.9	2379.1
37.5°	1466.0	1538.7	1611.2	1730.9	1850.4	1970.1	2089.8	2242.1	2394.6	2546.8	2699.1
40°	1592.9	1656.3	1719.7	1831.8	1943.7	2055.8	2168.0	2361.1	2554.2	2747.1	2940.2
42.5°	1756.6	1816.6	1876.7	1996.7	2116.6	2236.6	2356.6	2570.3	2784.1	2997.7	3211.4
45°	1973.4	2034.7	2095.7	2191.2	2286.7	2382.2	2477.7	2705.0	2932.1	3159.4	3386.5
47.5°	2289.1	2289.3	2289.6	2358.5	2427.3	2496.5	2565.3	2794.3	3023.1	3252.1	3480.8
50°	2525.9	2518.3	2511.0	2546.6	2582.0	2617.6	2653.2	2863.9	3074.9	3285.5	3496.2
52.5°	2864.9	2798.6	2732.6	2753.7	2774.6	2795.8	2816.7	2995.0	3173.7	3352.1	3530.4
55°	3145.2	3078.2	3011.2	3003.4	2995.5	2987.7	2979.8	3144.0	3308.1	3472.2	3636.4
57.5°	3377.0	3286.5	3196.2	3178.2	3160.4	3142.3	3124.3	3297.4	3470.3	3643.5	3816.4
60°	3499.8	3441.4	3382.9	3371.3	3359.4	3347.8	3335.9	3477.9	3620.0	3762.0	3904.1
62.5°	3540.9	3503.6	3466.5	3488.4	3510.3	3532.3	3554.2	3616.7	3678.9	3741.4	3803.6
65°	3473.4	3468.7	3463.9	3508.8	3553.5	3598.4	3643.3	3627.8	3612.2	3596.7	3581.3
67.5°	3206.4	3190.8	3175.3	3273.9	3372.2	3470.8	3569.4	3494.6	3419.5	3344.7	3269.9
70°	2628.3	2617.1	2606.2	2748.2	2890.3	3032.6	3174.6	3083.9	2993.1	2902.4	2811.7
72.5°	1852.5	1871.5	1890.5	2058.0	2225.2	2392.7	2559.9	2468.4	2377.0	2285.5	2194.1
75°	1239.4	1274.8	1310.2	1482.7	1655.1	1827.8	2000.3	1892.9	1785.5	1678.2	1570.8
77.5°	934.9	947.3	959.6	1068.7	1177.7	1286.9	1396.0	1307.4	1218.5	1129.9	1041.1
80°	732.8	695.7	658.9	694.8	730.6	766.5	802.4	749.4	696.4	643.7	590.7
82.5°	437.8	422.6	407.4	426.8	446.1	465.6	485.0	462.2	439.2	416.4	393.4
85°	197.2	212.4	227.3	247.0	266.5	286.2	305.9	274.1	242.3	210.5	178.6
87.5°	22.1	28.5	34.9	43.2	51.5	59.9	68.2	53.2	38.0	23.0	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



REPORT NUMBER: P366897
 CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366897
 CATALOG NUMBER: MSA-SA1C-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	502.1	502.1
2.5°	653.7	665.8
5°	857.3	856.8
7.5°	937.8	923.3
10°	884.3	871.0
12.5°	929.0	895.0
15°	937.3	911.6
17.5°	1051.3	1009.3
20°	1188.8	1134.7
22.5°	1354.9	1280.5
25°	1515.7	1427.3
27.5°	1745.6	1692.4
30°	1919.7	1865.8
32.5°	2109.8	2073.2
35°	2342.8	2306.2
37.5°	2708.6	2717.8
40°	2945.9	2951.6
42.5°	3233.5	3255.6
45°	3411.2	3435.9
47.5°	3515.2	3549.7
50°	3551.8	3607.4
52.5°	3599.1	3667.5
55°	3712.6	3788.9
57.5°	3877.2	3938.0
60°	3906.9	3909.8
62.5°	3759.7	3715.7
65°	3534.5	3487.7
67.5°	3241.6	3213.1
70°	2774.1	2736.6
72.5°	2124.3	2054.4
75°	1484.3	1397.9
77.5°	995.7	950.4
80°	592.2	593.4
82.5°	404.3	415.0
85°	176.5	174.1
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



REPORT NUMBER: P366897
CATALOG NUMBER: MSA-SA1C-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)