

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: P367293

Luminaire Tested: **MSA-SA2B-730-U-SLR-HSS**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367293
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-SA2B-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: 6617 lumens
Efficiency: N/A
Efficacy: 77.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

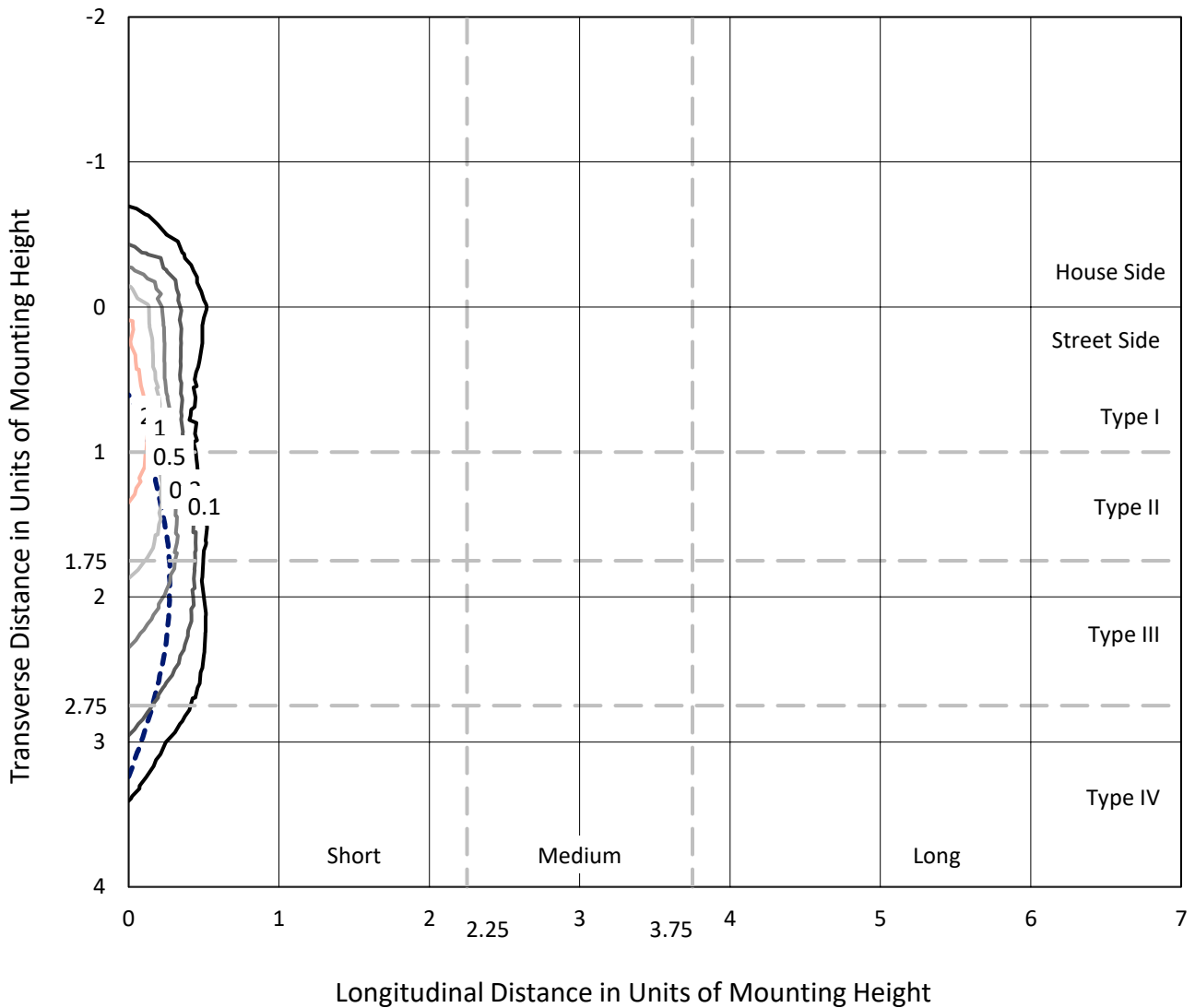
Input Watts (W): 85
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

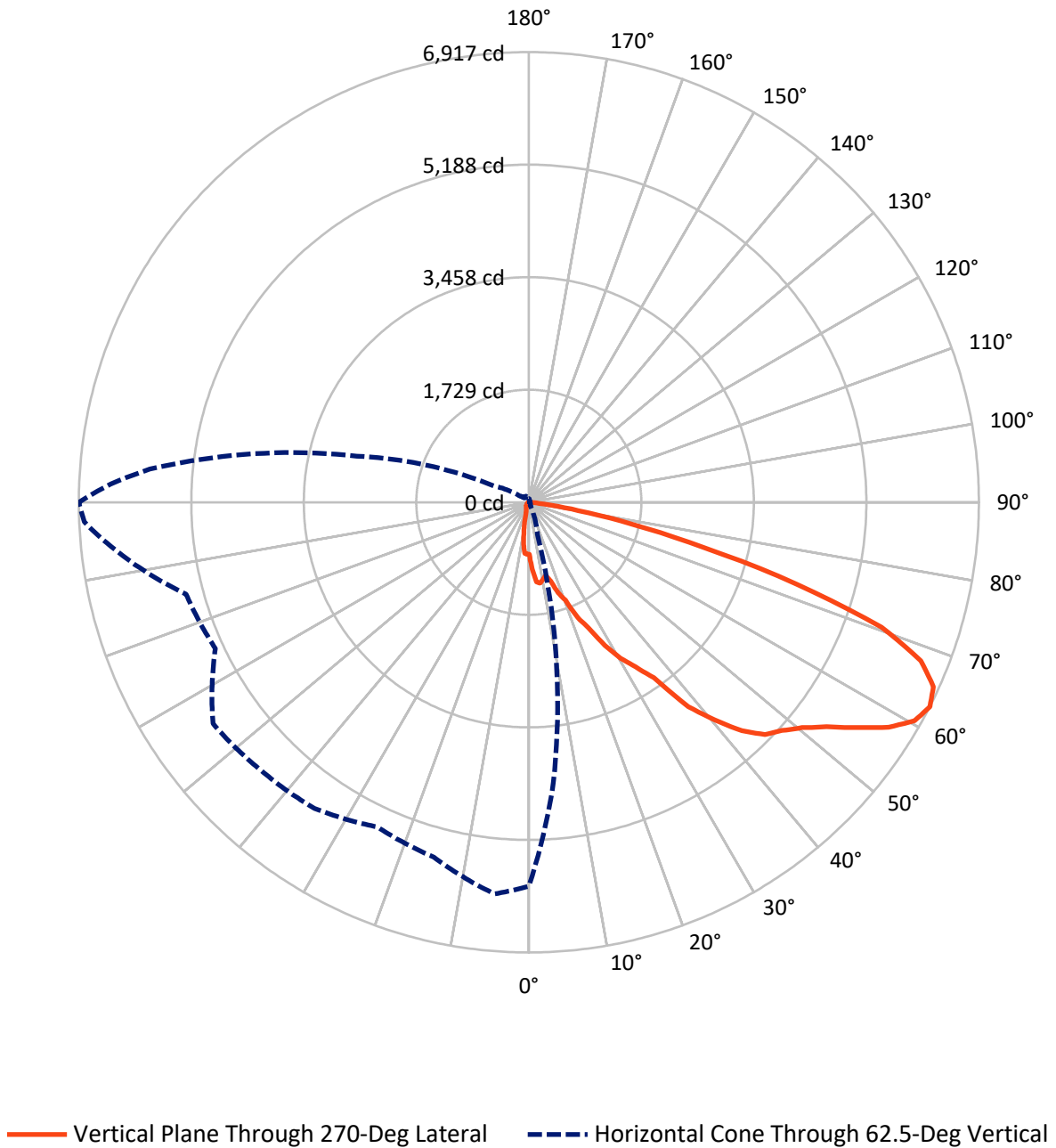
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.4 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	1105.0	0.0	1105.0
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	5512.0	0.0	5512.0
	% Fixture	83.3	0.0	83.3
Total	Lumens	6617.0	0.0	6617.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.1	1.3
10°-20°	232.7	3.5
20°-30°	376.1	5.7
30°-40°	630.0	9.5
40°-50°	1029.9	15.6
50°-60°	1524.6	23.0
60°-70°	1750.3	26.5
70°-80°	865.4	13.1
80°-90°	118.9	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°	6617.0	100.0
0°-180°	6617.0	100.0

Coefficient of Utilization

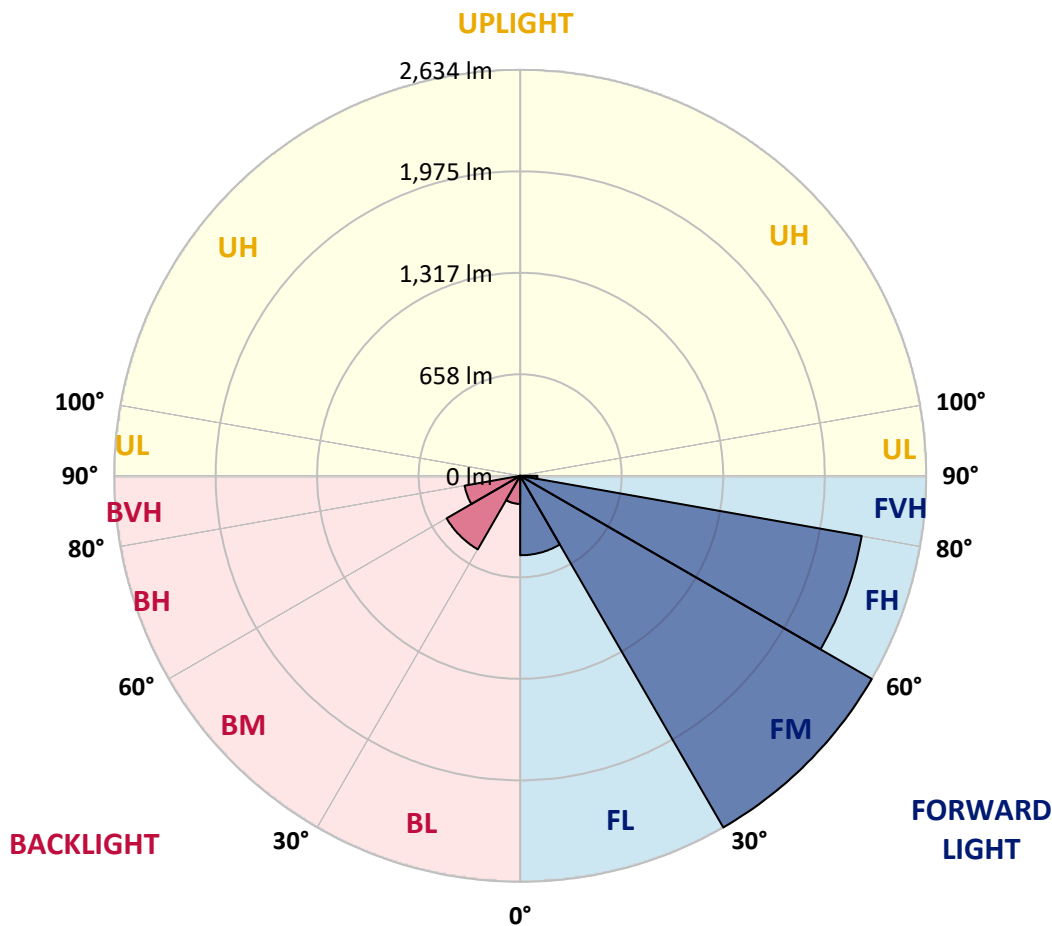


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	515.5	7.8			
FM (30°-60°)	2633.9	39.8			
FH (60°-80°)	2250.1	34.0			G2/5000
FVH (80°-90°)	112.5	1.7			G2/225
BL (0°-30°)	182.5	2.8	B1/500		
BM (30°-60°)	550.6	8.3	B1/1000		
BH (60°-80°)	365.6	5.5	B1/500		G1/500
BVH (80°-90°)	6.3	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
 Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4
2.5°	1057.3	1070.5	1083.3	1058.8	1034.3	1009.7	985.2	963.3	941.5	919.2	897.3
5°	1360.5	1336.4	1312.2	1279.1	1245.9	1212.7	1179.5	1164.0	1148.5	1133.1	1117.6
7.5°	1466.1	1423.1	1379.8	1350.3	1321.3	1291.9	1262.5	1216.1	1169.3	1122.9	1076.1
10°	1383.2	1337.5	1291.5	1265.8	1240.2	1214.6	1188.9	1131.2	1073.1	1015.4	957.3
12.5°	1421.3	1371.8	1322.4	1269.6	1216.8	1164.0	1111.2	1067.1	1022.6	978.4	933.9
15°	1447.7	1391.1	1334.1	1273.8	1213.4	1153.1	1092.7	1040.7	989.0	936.9	884.9
17.5°	1602.7	1521.6	1440.5	1347.7	1254.9	1162.1	1069.3	1009.0	949.0	888.7	828.3
20°	1801.8	1686.8	1571.4	1445.8	1320.2	1194.6	1069.0	993.9	918.8	843.8	768.7
22.5°	2033.4	1889.7	1745.6	1590.6	1436.0	1280.9	1125.9	1018.0	910.2	802.3	694.4
25°	2266.5	2136.8	2007.0	1798.4	1589.9	1380.9	1172.3	1035.4	898.1	761.2	623.9
27.5°	2687.5	2455.5	2223.5	1958.0	1692.8	1427.3	1161.7	1004.8	847.9	690.6	533.7
30°	2962.8	2784.4	2605.6	2254.8	1904.4	1553.6	1202.9	1004.1	805.3	606.1	407.4
32.5°	3292.1	3031.1	2769.7	2389.1	2008.5	1628.0	1247.4	1013.9	780.0	546.5	312.7
35°	3662.1	3378.1	3094.1	2612.0	2130.0	1647.6	1165.5	939.2	712.9	486.6	260.3
37.5°	4315.8	3840.5	3365.3	2803.3	2240.9	1678.9	1116.5	890.5	664.2	438.3	212.0
40°	4687.0	4233.2	3779.4	3077.1	2374.8	1672.5	970.1	769.5	569.2	368.5	167.8
42.5°	5169.8	4594.2	4018.2	3233.3	2448.3	1663.4	878.5	692.9	507.3	321.4	135.8
45°	5456.1	4803.9	4151.7	3301.2	2450.6	1600.0	749.5	588.8	428.1	267.4	106.7
47.5°	5636.7	4982.7	4328.6	3415.5	2502.7	1589.5	676.3	528.4	380.6	232.7	84.9
50°	5728.4	5072.5	4416.1	3477.7	2539.2	1600.4	662.0	514.9	367.4	220.3	72.8
52.5°	5823.8	5191.3	4558.3	3585.6	2612.8	1640.0	667.2	517.1	367.4	217.3	67.1
55°	6016.6	5392.7	4768.4	3740.2	2712.0	1683.8	655.6	507.7	359.8	211.6	63.7
57.5°	6253.4	5586.6	4919.3	3853.4	2787.4	1721.5	655.6	506.9	358.3	209.3	60.7
60°	6208.5	5484.7	4760.5	3726.3	2692.0	1657.4	623.1	481.7	340.6	199.2	57.7
62.5°	5900.4	5114.7	4328.6	3372.8	2416.7	1460.9	504.7	391.9	279.1	166.0	53.2
65°	5538.3	4704.3	3870.0	2990.4	2110.4	1230.8	350.8	275.3	199.5	124.1	48.3
67.5°	5102.2	4212.8	3323.4	2541.1	1759.2	976.9	194.6	156.9	119.2	81.1	43.4
70°	4345.6	3427.5	2509.1	1907.8	1307.0	705.7	104.5	88.3	72.0	55.8	39.6
72.5°	3262.3	2421.2	1580.0	1200.2	820.8	440.9	61.1	55.1	48.7	42.6	36.2
75°	2219.8	1589.5	959.2	730.2	501.7	272.7	43.8	40.7	37.3	34.3	30.9
77.5°	1509.1	1091.6	674.0	514.5	354.9	195.4	35.8	33.9	32.1	29.8	27.9
80°	942.2	645.0	347.8	267.8	187.5	107.5	27.2	26.0	24.9	23.4	22.3
82.5°	659.0	394.2	129.4	101.1	72.8	44.1	15.8	16.2	16.6	16.6	17.0
85°	276.5	149.4	22.3	18.9	15.5	12.1	8.7	9.4	10.6	11.3	12.1
87.5°	4.9	2.6	0.0	0.8	1.9	2.6	3.4	4.5	5.3	6.4	7.2
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):

	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°	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4
2.5°	903.0	908.7	913.9	919.6	915.1	910.9	906.4	901.9	895.1	888.7	881.9
5°	1098.8	1079.9	1061.0	1042.2	1013.5	984.8	955.8	927.1	923.7	920.3	916.6
7.5°	1032.0	987.9	943.4	899.2	857.7	816.2	774.7	733.3	720.4	708.0	695.2
10°	923.4	889.4	855.1	821.1	791.3	761.2	731.4	701.2	669.9	638.6	606.9
12.5°	898.5	863.0	827.2	791.7	764.6	737.4	710.2	683.1	648.0	612.9	577.9
15°	846.4	807.9	769.5	731.0	694.8	658.6	622.0	585.8	543.5	501.3	459.0
17.5°	782.7	737.4	691.8	646.1	598.6	551.1	503.5	456.0	407.4	359.1	310.4
20°	706.9	645.0	582.8	520.9	462.1	403.2	344.0	285.2	254.6	224.4	193.9
22.5°	614.4	534.1	454.1	373.8	325.5	276.9	228.6	179.9	166.7	153.5	140.3
25°	533.0	442.1	351.2	260.3	229.7	199.2	168.6	138.1	132.0	125.6	119.6
27.5°	448.1	362.9	277.2	191.6	174.3	156.5	139.2	121.5	117.3	113.5	109.4
30°	343.6	279.9	215.8	152.0	140.7	129.4	117.7	106.4	104.5	102.2	100.3
32.5°	266.3	219.5	173.1	126.4	119.9	113.5	107.1	100.7	97.7	94.7	91.3
35°	222.5	185.2	147.5	109.8	105.2	100.3	95.8	90.9	87.9	84.5	81.5
37.5°	184.4	157.3	129.8	102.2	97.3	92.4	87.1	82.2	80.0	77.7	75.4
40°	152.0	136.2	120.3	104.5	97.3	90.1	83.0	75.8	73.9	72.0	70.2
42.5°	125.6	115.4	104.9	94.7	89.4	84.5	79.2	73.9	71.3	68.3	65.6
45°	101.5	95.8	90.5	84.9	85.2	85.6	85.6	86.0	79.2	72.0	65.3
47.5°	82.2	79.6	76.6	73.9	76.9	80.0	82.6	85.6	78.5	71.3	63.7
50°	70.5	68.6	66.4	64.1	67.1	70.5	73.6	76.6	73.6	70.9	67.9
52.5°	64.5	61.9	59.2	56.6	57.7	59.2	60.4	61.5	61.5	61.5	61.5
55°	60.7	58.1	55.1	52.1	50.9	49.4	48.3	46.8	44.9	43.4	41.5
57.5°	57.7	54.7	51.3	48.3	46.4	44.1	42.2	40.0	38.1	35.8	33.9
60°	54.7	51.7	48.3	45.3	43.4	41.5	39.2	37.3	35.1	33.2	30.9
62.5°	50.5	47.9	45.3	42.6	40.7	39.2	37.3	35.5	33.2	30.9	28.3
65°	46.0	44.1	41.9	39.6	37.7	35.8	33.9	32.1	29.8	27.9	25.6
67.5°	41.9	40.0	38.5	36.6	34.3	32.4	30.2	27.9	26.4	24.9	23.0
70°	38.5	37.0	35.8	34.3	32.1	30.2	27.9	25.6	24.5	23.0	21.9
72.5°	35.1	33.9	32.4	31.3	29.4	27.5	25.6	23.8	22.6	21.5	20.4
75°	30.2	29.4	28.7	27.9	26.0	24.1	21.9	20.0	19.6	19.2	18.9
77.5°	27.2	26.8	26.0	25.3	23.4	21.5	19.6	17.7	18.1	18.5	18.5
80°	22.3	22.3	21.9	21.9	20.4	18.9	17.0	15.5	16.2	17.4	18.1
82.5°	17.0	17.0	17.0	17.0	15.5	14.0	12.4	10.9	12.1	12.8	14.0
85°	11.7	11.3	10.9	10.6	9.4	8.7	7.5	6.4	7.9	9.1	10.6
87.5°	7.2	7.5	7.5	7.5	6.8	5.7	4.9	3.8	4.5	4.9	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):

	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: P367293
 CATALOG NUMBER: MSA-SA2B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4
2.5°	875.1	863.8	852.4	840.8	829.4	803.0	776.6	750.2	723.8	743.4	762.7
5°	913.2	891.3	869.0	847.2	824.9	815.1	805.7	795.9	786.1	787.6	789.5
7.5°	682.3	668.0	653.7	639.0	624.6	621.6	619.0	616.0	612.9	619.3	625.4
10°	575.6	555.6	535.2	515.2	494.9	483.9	473.0	462.1	451.1	450.0	448.5
12.5°	542.8	512.2	482.0	451.5	420.9	397.2	373.4	349.7	325.9	327.8	329.7
15°	416.8	386.2	356.1	325.5	295.0	275.7	256.1	236.9	217.3	211.6	205.9
17.5°	261.8	239.1	216.5	193.5	170.9	164.5	158.4	152.0	145.6	143.7	141.8
20°	163.3	153.5	143.7	133.5	123.7	122.2	120.7	119.2	117.7	118.8	119.9
22.5°	127.1	123.0	118.4	114.3	109.8	108.3	106.7	105.2	103.7	104.9	105.6
25°	113.2	110.1	107.1	104.1	101.1	99.6	97.7	96.2	94.3	95.1	96.2
27.5°	105.2	102.6	100.0	97.3	94.7	92.0	89.8	87.1	84.5	86.0	87.1
30°	98.1	95.1	92.4	89.4	86.4	83.7	81.1	78.1	75.4	76.9	78.5
32.5°	88.3	85.6	82.6	80.0	76.9	75.4	73.9	72.0	70.5	71.7	72.4
35°	78.1	75.8	73.9	71.7	69.4	67.9	66.8	65.3	63.7	64.1	64.9
37.5°	73.2	70.5	67.9	65.3	62.6	61.9	61.1	60.0	59.2	59.2	59.2
40°	68.3	65.6	63.0	60.0	57.3	56.2	55.1	53.9	52.8	52.8	52.8
42.5°	62.6	60.0	57.3	54.7	52.1	50.9	49.4	48.3	46.8	46.8	46.8
45°	58.1	55.4	53.2	50.5	47.9	46.0	44.1	41.9	40.0	39.6	39.2
47.5°	56.6	52.8	49.0	45.3	41.5	39.6	37.7	35.5	33.6	33.2	32.8
50°	64.9	57.3	49.8	42.2	34.7	33.2	31.7	30.2	28.7	27.9	27.5
52.5°	61.5	53.6	45.6	37.7	29.8	28.7	27.5	26.4	25.3	24.5	23.8
55°	39.6	36.2	33.2	29.8	26.4	25.6	24.9	23.8	23.0	22.3	21.5
57.5°	31.7	29.8	28.3	26.4	24.5	23.8	23.0	21.9	21.1	20.0	19.2
60°	28.7	27.2	25.6	24.1	22.6	21.9	21.1	20.4	19.6	18.5	17.7
62.5°	26.0	24.9	23.8	22.6	21.5	20.7	20.0	19.2	18.5	17.4	16.2
65°	23.4	22.6	21.9	21.1	20.4	19.6	18.9	17.7	17.0	15.8	14.7
67.5°	21.5	21.1	20.7	20.4	20.0	19.2	18.1	17.4	16.2	15.1	13.6
70°	20.4	20.4	20.4	20.0	20.0	19.2	18.1	17.4	16.2	14.7	13.6
72.5°	19.2	19.6	20.0	20.0	20.4	19.2	18.1	17.0	15.8	14.3	13.2
75°	18.5	18.9	19.2	19.2	19.6	18.9	18.1	17.0	16.2	14.7	13.2
77.5°	18.9	19.2	19.2	19.6	19.6	18.9	18.1	17.0	16.2	14.3	12.4
80°	18.9	18.5	18.1	17.4	17.0	15.5	14.0	12.1	10.6	8.3	6.4
82.5°	14.7	14.0	13.6	12.8	12.1	10.6	9.1	7.5	6.0	4.5	3.0
85°	11.7	10.9	10.6	9.8	9.1	7.9	6.4	5.3	3.8	3.0	1.9
87.5°	6.0	5.7	4.9	4.5	3.8	3.0	1.9	1.1	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: P367293
 CATALOG NUMBER: MSA-SA2B-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: P367293
 CATALOG NUMBER: MSA-SA2B-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°	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4
2.5°	782.3	801.5	798.9	796.2	808.7	821.1	812.1	803.4	794.4	785.3	766.4
5°	791.0	792.5	789.8	786.8	787.2	787.6	781.5	775.5	769.5	763.4	762.3
7.5°	631.8	637.8	646.1	654.0	654.4	654.4	649.9	645.4	640.5	635.9	638.2
10°	447.3	445.8	448.1	450.4	450.0	449.2	461.3	473.4	485.1	497.1	488.5
12.5°	331.2	333.1	323.6	314.2	317.6	320.6	322.5	324.4	326.3	328.2	333.4
15°	200.3	194.6	187.8	181.1	184.4	187.5	190.9	193.9	197.3	200.3	203.7
17.5°	139.6	137.7	134.7	131.3	131.6	132.0	132.4	132.8	132.8	133.1	133.9
20°	121.1	122.2	119.9	117.3	116.6	115.4	114.7	113.9	112.8	112.0	110.9
22.5°	106.7	107.5	107.9	107.9	106.4	104.5	103.0	101.8	100.3	98.8	98.1
25°	96.9	97.7	96.9	95.8	95.1	94.3	93.5	92.4	91.7	90.5	90.1
27.5°	88.6	89.8	89.8	89.4	88.6	87.5	85.6	84.1	82.2	80.3	80.7
30°	80.0	81.5	81.5	81.1	80.7	80.3	78.5	76.6	74.7	72.8	73.6
32.5°	73.6	74.3	73.9	73.6	73.6	73.2	71.7	70.5	69.0	67.5	67.5
35°	65.3	65.6	65.6	65.6	65.6	65.3	64.1	63.0	61.9	60.7	61.1
37.5°	59.2	59.2	60.4	61.1	60.4	59.6	58.8	57.7	57.0	55.8	55.8
40°	52.4	52.4	53.6	54.3	53.6	52.8	52.4	51.7	51.3	50.5	50.5
42.5°	46.4	46.4	47.5	48.3	48.3	47.9	47.1	46.4	45.6	44.9	45.3
45°	38.9	38.5	40.4	41.9	41.1	40.4	40.4	40.0	40.0	39.6	40.0
47.5°	32.1	31.7	33.2	34.7	34.3	33.6	33.6	33.6	33.6	33.6	33.9
50°	26.8	26.0	27.5	28.7	28.3	27.5	27.5	27.9	27.9	27.9	28.3
52.5°	23.0	22.3	23.4	24.1	23.8	23.4	23.4	23.8	23.8	23.8	24.1
55°	20.4	19.6	20.7	21.5	21.1	20.4	20.7	20.7	21.1	21.1	21.1
57.5°	18.1	17.0	17.7	18.5	18.5	18.1	18.5	18.5	18.9	18.9	18.9
60°	16.6	15.5	16.2	16.6	16.6	16.2	16.6	16.6	17.0	17.0	17.0
62.5°	14.7	13.6	14.3	14.7	14.7	14.3	14.7	14.7	15.1	15.1	15.1
65°	13.2	12.1	12.4	12.8	12.8	12.8	13.2	13.2	13.6	13.6	13.6
67.5°	12.4	10.9	11.3	11.7	11.7	11.7	12.1	12.1	12.4	12.4	12.8
70°	12.1	10.6	10.9	10.9	11.3	11.3	11.3	11.7	11.7	11.7	11.7
72.5°	11.7	10.2	10.2	10.2	10.6	10.6	10.6	10.9	10.9	10.9	10.9
75°	11.7	10.2	9.8	9.4	9.8	9.8	9.8	10.2	10.2	10.2	10.2
77.5°	10.2	8.3	7.5	6.4	7.5	8.3	8.7	8.7	9.1	9.1	9.1
80°	4.1	1.9	1.1	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6
82.5°	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.1	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: P367293
 CATALOG NUMBER: MSA-SA2B-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: P367293
 CATALOG NUMBER: MSA-SA2B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4
2.5°	747.6	728.7	709.9	718.9	728.0	737.0	746.1	745.3	744.2	743.4	742.3
5°	761.5	760.4	759.3	754.0	749.1	743.8	738.5	737.4	735.9	734.8	733.3
7.5°	640.5	642.4	644.6	638.6	632.5	626.5	620.5	605.0	589.5	573.7	558.2
10°	479.8	470.7	462.1	461.3	460.5	459.8	459.0	457.5	456.0	454.1	452.6
12.5°	339.1	344.4	349.7	347.8	345.9	343.6	341.7	344.4	347.4	350.0	352.7
15°	206.7	210.1	213.1	219.9	226.7	233.5	240.3	242.9	245.9	248.6	251.2
17.5°	134.7	135.0	135.8	143.3	150.5	158.0	165.2	170.1	175.0	179.5	184.4
20°	109.8	108.6	107.5	111.6	115.8	119.9	124.1	128.6	133.1	137.7	142.2
22.5°	97.7	96.9	96.2	97.7	99.2	100.3	101.8	105.2	109.0	112.4	115.8
25°	89.8	89.0	88.6	89.4	90.1	90.9	91.7	93.5	95.4	97.3	99.2
27.5°	80.7	81.1	81.1	81.9	82.2	83.0	83.4	84.1	85.2	86.0	86.8
30°	73.9	74.7	75.1	75.8	76.2	76.9	77.3	76.9	76.6	76.2	75.8
32.5°	67.5	67.1	67.1	67.9	68.3	69.0	69.4	70.2	70.9	71.3	72.0
35°	61.1	61.5	61.5	61.5	61.9	61.9	61.9	62.6	63.7	64.5	65.3
37.5°	55.4	55.4	55.1	56.2	57.0	58.1	58.8	59.6	60.7	61.5	62.2
40°	50.5	50.5	50.5	51.3	52.1	52.4	53.2	55.1	57.0	58.8	60.7
42.5°	45.3	45.6	45.6	46.4	47.1	47.5	48.3	49.8	50.9	52.4	53.6
45°	40.4	40.7	41.1	41.9	42.2	43.0	43.4	44.1	44.5	45.3	45.6
47.5°	34.7	35.1	35.5	36.2	36.6	37.3	37.7	37.3	37.3	37.0	36.6
50°	29.0	29.4	29.8	30.9	31.7	32.8	33.6	32.8	32.1	30.9	30.2
52.5°	24.5	24.5	24.9	25.6	26.4	26.8	27.5	27.2	26.8	26.4	26.0
55°	21.1	21.1	21.1	21.5	21.9	22.3	22.6	23.0	23.0	23.4	23.4
57.5°	18.9	18.5	18.5	18.9	19.2	19.2	19.6	20.0	20.0	20.4	20.4
60°	17.0	16.6	16.6	17.0	17.4	17.7	18.1	18.1	18.1	17.7	17.7
62.5°	15.1	15.1	15.1	15.5	15.5	15.8	15.8	15.8	16.2	16.2	16.2
65°	14.0	14.0	14.0	14.0	14.0	13.6	13.6	14.0	14.0	14.3	14.3
67.5°	12.8	13.2	13.2	12.8	12.4	12.1	11.7	12.1	12.1	12.4	12.4
70°	11.7	11.7	11.7	11.3	10.9	10.6	10.2	10.2	10.2	9.8	9.8
72.5°	10.9	10.6	10.6	10.2	9.4	9.1	8.3	7.9	7.9	7.5	7.2
75°	10.2	9.8	9.8	9.1	8.3	7.5	6.8	6.4	5.7	5.3	4.5
77.5°	9.1	9.1	9.1	7.9	7.2	6.0	4.9	4.1	3.4	2.3	1.5
80°	3.0	3.4	3.8	3.4	3.4	3.0	2.6	1.9	1.5	0.8	0.0
82.5°	0.4	0.4	0.4	0.4	0.4	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: P367293
 CATALOG NUMBER: MSA-SA2B-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: P367293
 CATALOG NUMBER: MSA-SA2B-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°	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4
2.5°	746.5	750.6	754.8	758.9	759.3	759.7	760.0	760.4	751.0	741.2	731.7
5°	740.8	748.7	756.3	763.8	759.7	755.5	751.4	747.2	746.8	746.8	746.5
7.5°	559.4	560.1	561.3	562.0	563.5	565.0	566.2	567.7	573.7	579.7	585.4
10°	447.7	442.8	437.5	432.6	428.9	424.7	420.9	416.8	419.8	423.2	426.2
12.5°	348.5	344.4	339.8	335.7	334.2	332.7	330.8	329.3	339.1	348.9	358.3
15°	250.5	249.7	248.6	247.8	252.7	257.6	262.5	267.4	275.7	283.6	291.9
17.5°	186.3	188.2	190.1	192.0	195.0	198.0	200.7	203.7	209.7	216.1	222.2
20°	144.5	147.1	149.4	151.6	150.9	150.1	149.0	148.2	153.1	158.0	162.6
22.5°	118.1	119.9	122.2	124.1	124.5	124.8	125.2	125.6	128.6	131.3	134.3
25°	101.1	103.4	105.2	107.1	107.5	107.9	108.3	108.6	112.4	116.2	119.6
27.5°	89.4	91.7	94.3	96.6	97.3	98.1	98.8	99.6	101.8	103.7	106.0
30°	78.8	81.9	84.9	87.9	89.0	90.1	91.3	92.4	94.7	97.3	99.6
32.5°	73.6	75.4	76.9	78.5	81.1	83.4	86.0	88.3	90.9	93.9	96.6
35°	67.5	69.4	71.7	73.6	75.4	77.3	78.8	80.7	82.2	83.7	84.9
37.5°	63.7	65.6	67.1	68.6	69.4	70.2	70.5	71.3	72.0	72.8	73.2
40°	60.7	60.4	60.4	60.0	60.7	61.9	62.6	63.4	65.6	67.5	69.8
42.5°	52.8	51.7	50.9	49.8	51.7	53.2	55.1	56.6	59.6	62.6	65.6
45°	44.9	44.1	43.0	42.2	44.9	47.5	50.2	52.8	56.2	59.2	62.6
47.5°	37.0	37.3	37.3	37.7	40.4	43.0	45.3	47.9	51.3	54.7	58.1
50°	30.9	31.7	32.4	33.2	35.8	38.1	40.7	43.0	46.8	50.2	53.9
52.5°	27.2	28.3	29.0	30.2	32.4	35.1	37.3	39.6	43.0	46.4	49.8
55°	24.5	26.0	27.2	28.3	30.2	32.1	33.9	35.8	39.2	42.6	45.6
57.5°	21.5	22.6	23.8	24.9	26.8	28.7	30.2	32.1	35.1	38.5	41.5
60°	18.9	19.6	20.7	21.5	23.0	24.9	26.4	27.9	30.9	33.9	36.6
62.5°	16.6	17.4	17.7	18.1	19.6	21.1	22.6	24.1	26.8	29.8	32.4
65°	14.7	15.1	15.1	15.5	16.6	18.1	19.2	20.4	23.4	26.0	29.0
67.5°	12.4	12.8	12.8	12.8	14.0	15.1	16.2	17.4	20.0	23.0	25.6
70°	9.8	10.2	10.2	10.2	11.3	12.8	14.0	15.1	17.4	19.6	21.9
72.5°	7.5	7.5	7.9	7.9	9.1	10.6	11.7	12.8	14.7	16.6	18.5
75°	4.9	5.3	5.3	5.7	6.8	8.3	9.4	10.6	12.4	14.3	15.8
77.5°	1.9	2.6	3.0	3.4	4.5	5.7	6.8	7.9	9.4	11.3	12.8
80°	0.0	0.4	0.4	0.4	1.1	1.5	2.3	2.6	3.8	5.3	6.4
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: P367293
 CATALOG NUMBER: MSA-SA2B-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: P367293
 CATALOG NUMBER: MSA-SA2B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4
2.5°	721.9	742.7	763.4	784.2	804.9	830.6	856.2	860.0	863.8	859.2	855.1
5°	746.1	756.3	766.1	776.3	786.1	815.5	844.5	844.9	844.9	845.3	845.3
7.5°	591.4	600.1	608.8	617.1	625.8	645.0	664.2	671.4	678.2	676.7	675.2
10°	429.2	440.6	451.5	462.8	473.8	491.5	509.2	516.0	522.4	543.2	564.3
12.5°	368.1	379.1	390.0	400.6	411.5	429.6	447.7	460.9	473.8	486.6	499.4
15°	299.9	308.5	317.6	326.3	334.9	343.2	351.5	367.8	383.6	396.4	409.3
17.5°	228.2	232.0	235.4	239.1	242.5	246.3	250.1	256.9	263.3	274.6	285.5
20°	167.5	170.5	173.5	176.1	179.2	182.9	186.7	191.6	196.1	198.8	201.0
22.5°	136.9	141.4	146.0	150.1	154.6	157.3	159.9	161.4	162.9	164.1	165.2
25°	123.3	127.5	131.3	135.4	139.2	140.3	141.4	144.5	147.5	147.5	147.5
27.5°	107.9	113.5	119.6	125.2	130.9	132.4	133.5	134.7	135.4	133.9	132.0
30°	101.8	107.5	113.2	118.4	124.1	126.4	128.2	129.4	130.5	128.6	126.7
32.5°	99.2	104.5	109.4	114.7	119.6	122.6	125.2	128.2	130.9	131.3	132.0
35°	86.4	89.8	93.5	96.9	100.3	101.8	103.4	104.5	105.2	105.2	105.2
37.5°	73.9	78.5	83.4	87.9	92.4	95.8	99.2	99.6	99.6	100.3	101.5
40°	71.7	76.2	80.7	84.9	89.4	93.2	96.6	96.9	97.3	98.1	98.8
42.5°	68.6	73.6	78.5	83.4	88.3	92.0	95.4	95.4	95.1	96.2	96.9
45°	65.6	70.5	75.1	80.0	84.5	89.4	93.9	92.8	91.3	93.2	94.7
47.5°	61.5	66.8	72.0	76.9	82.2	86.8	90.9	90.1	89.0	90.9	92.8
50°	57.3	62.6	67.9	73.2	78.5	83.4	87.9	87.1	86.4	88.6	90.5
52.5°	53.2	58.5	64.1	69.4	74.7	78.8	82.6	82.2	81.9	84.1	86.8
55°	49.0	53.9	59.2	64.1	69.0	73.6	77.7	76.9	76.2	78.1	80.0
57.5°	44.5	49.4	53.9	58.8	63.4	67.1	70.5	69.4	68.3	70.5	72.8
60°	39.6	44.1	48.7	52.8	57.3	60.4	63.0	62.2	61.1	63.4	65.6
62.5°	35.1	39.2	43.4	47.1	51.3	53.6	55.8	55.1	54.3	56.6	59.2
65°	31.7	35.1	38.1	41.5	44.5	46.8	49.0	47.9	46.8	49.4	51.7
67.5°	28.3	30.9	33.9	36.6	39.2	41.1	43.0	42.2	41.1	43.0	44.9
70°	24.1	26.8	29.4	31.7	34.3	36.2	38.1	37.0	35.5	37.3	39.2
72.5°	20.4	22.6	24.9	26.8	29.0	30.6	32.1	30.9	29.8	31.3	32.8
75°	17.7	19.6	21.5	23.0	24.9	25.6	26.4	26.0	25.3	26.8	27.9
77.5°	14.3	15.8	17.7	19.2	20.7	20.7	20.7	21.1	21.1	22.6	24.5
80°	7.5	9.1	10.6	11.7	13.2	13.2	12.8	13.6	14.0	15.8	17.7
82.5°	0.0	1.1	2.3	3.4	4.5	4.1	3.4	3.8	3.8	4.5	5.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8
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: P367293
 CATALOG NUMBER: MSA-SA2B-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: P367293
 CATALOG NUMBER: MSA-SA2B-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°	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4
2.5°	850.6	846.0	843.0	840.4	837.4	834.3	838.1	841.9	845.3	849.1	860.4
5°	845.7	845.7	843.0	840.4	837.7	835.1	840.8	846.0	851.7	857.0	856.6
7.5°	673.3	671.8	687.6	703.1	718.9	734.4	738.5	742.7	746.5	750.6	749.5
10°	585.0	605.8	612.6	619.3	626.1	632.9	641.2	649.5	657.8	666.1	669.1
12.5°	512.2	525.0	546.9	568.4	590.3	611.8	622.7	634.1	645.0	655.9	677.4
15°	422.1	434.9	453.8	472.6	491.5	510.3	527.7	545.4	562.8	580.1	606.1
17.5°	296.8	307.8	322.1	336.5	350.4	364.7	391.5	418.3	445.1	471.9	499.4
20°	203.7	205.9	212.7	219.9	226.7	233.5	257.6	282.1	306.3	330.4	366.6
22.5°	166.0	167.1	170.5	173.9	176.9	180.3	192.7	205.6	218.0	230.5	259.9
25°	147.1	147.1	149.4	151.6	153.9	156.2	162.9	169.7	176.1	182.9	201.8
27.5°	130.5	128.6	132.0	135.4	138.8	142.2	147.1	152.4	157.3	162.2	175.0
30°	124.8	123.0	127.1	131.3	135.4	139.6	144.5	149.4	153.9	158.8	167.5
32.5°	132.4	132.8	134.3	135.8	136.9	138.4	140.7	143.3	145.6	147.9	155.4
35°	105.2	105.2	107.9	110.5	112.8	115.4	119.6	123.7	127.9	132.0	139.9
37.5°	102.2	103.0	105.2	107.9	110.1	112.4	117.7	123.3	128.6	133.9	140.3
40°	99.2	100.0	103.0	106.0	109.0	112.0	117.3	122.2	127.5	132.4	138.4
42.5°	98.1	98.8	102.6	106.7	110.5	114.3	118.8	123.3	127.5	132.0	140.3
45°	96.6	98.1	102.6	107.5	112.0	116.6	120.7	124.8	129.0	133.1	143.3
47.5°	94.3	96.2	101.5	106.4	111.6	116.6	124.5	132.8	140.7	148.6	153.5
50°	92.8	94.7	100.3	106.0	111.6	117.3	130.1	143.0	155.4	168.2	165.6
52.5°	89.0	91.3	98.4	105.6	112.8	119.9	131.3	142.6	153.9	165.2	159.9
55°	81.9	83.7	92.0	100.3	108.3	116.6	124.8	133.1	141.1	149.4	143.3
57.5°	74.7	76.9	84.9	92.8	100.3	108.3	112.4	116.6	120.7	124.8	122.6
60°	67.9	70.2	80.7	91.3	101.8	112.4	108.6	104.9	100.7	96.9	99.6
62.5°	61.5	63.7	73.9	83.7	93.9	103.7	98.4	93.2	87.9	82.6	86.8
65°	54.3	56.6	60.4	64.5	68.3	72.0	71.7	70.9	70.5	69.8	74.3
67.5°	46.8	48.7	50.5	52.8	54.7	56.6	57.7	59.2	60.4	61.5	65.3
70°	40.7	42.6	44.9	46.8	49.0	50.9	51.7	52.4	52.8	53.6	57.0
72.5°	33.9	35.5	38.5	41.5	44.1	47.1	47.5	47.5	47.9	47.9	50.5
75°	29.4	30.6	32.8	35.1	37.0	39.2	40.4	41.5	42.2	43.4	44.9
77.5°	26.0	27.5	28.3	28.7	29.4	29.8	30.6	31.3	32.1	32.8	33.2
80°	19.2	21.1	21.9	22.3	23.0	23.4	23.4	23.0	23.0	22.6	23.0
82.5°	6.0	6.8	7.9	9.1	10.2	11.3	11.7	12.1	12.1	12.4	12.1
85°	1.1	1.5	2.3	3.0	3.4	4.1	3.8	3.0	2.6	1.9	1.5
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: P367293
 CATALOG NUMBER: MSA-SA2B-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: P367293
 CATALOG NUMBER: MSA-SA2B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4
2.5°	871.7	882.6	893.9	889.4	884.9	880.4	875.8	876.6	877.7	878.5	879.2
5°	856.2	855.5	855.1	867.9	881.1	893.9	906.8	920.7	935.1	949.0	963.0
7.5°	748.3	746.8	745.7	762.3	778.9	795.5	812.1	831.3	850.9	870.2	889.4
10°	672.2	675.2	678.2	685.0	692.1	698.9	705.7	724.2	742.7	760.8	779.3
12.5°	698.9	720.1	741.6	745.7	749.5	753.6	757.4	760.0	762.7	765.3	768.0
15°	632.5	658.6	684.6	695.5	706.1	717.0	727.6	755.5	783.0	811.0	838.5
17.5°	526.9	554.1	581.6	614.4	647.3	680.1	712.9	743.1	773.2	803.4	833.6
20°	403.2	439.4	475.6	517.1	559.0	600.5	642.0	672.2	702.0	732.1	761.9
22.5°	289.7	319.1	348.5	398.7	448.5	498.6	548.4	600.9	653.7	706.1	758.5
25°	220.7	239.1	258.0	307.4	356.8	405.9	455.3	527.3	599.4	671.4	743.4
27.5°	187.5	200.3	212.7	257.2	301.8	345.9	390.4	476.0	561.6	647.3	732.9
30°	176.5	185.2	193.9	231.6	269.7	307.4	345.1	431.9	518.6	605.4	692.1
32.5°	162.9	170.1	177.7	210.8	244.0	276.9	310.1	394.9	479.8	564.3	649.1
35°	147.5	155.4	162.9	196.1	229.3	262.1	295.3	383.2	471.1	559.0	646.9
37.5°	146.3	152.8	158.8	197.3	236.1	274.6	313.1	401.0	488.8	576.3	664.2
40°	144.8	150.9	156.9	196.1	235.0	274.2	313.1	405.1	497.1	589.2	681.2
42.5°	148.6	156.5	164.8	199.5	234.2	268.6	303.3	400.2	497.1	593.7	690.6
45°	153.9	164.1	174.3	205.9	237.6	269.3	301.0	406.2	511.5	616.3	721.6
47.5°	158.8	163.7	168.6	198.8	228.6	258.8	288.6	396.0	503.5	611.0	718.5
50°	163.3	160.7	158.0	191.2	224.4	257.2	290.4	393.0	495.3	597.8	700.1
52.5°	154.3	149.0	143.3	178.8	214.2	249.3	284.8	388.1	491.5	594.8	698.2
55°	137.3	131.3	125.2	160.3	195.0	230.1	264.8	367.8	470.7	573.7	676.7
57.5°	119.9	117.7	115.0	141.8	168.6	195.0	221.8	336.1	450.7	565.0	679.3
60°	102.2	104.5	107.1	126.4	145.6	164.5	183.7	295.7	407.4	519.4	631.0
62.5°	90.5	94.7	98.4	114.7	131.3	147.5	163.7	269.3	374.9	480.5	586.2
65°	79.2	83.7	88.3	107.5	127.1	146.3	165.6	255.0	344.4	433.8	523.2
67.5°	69.0	72.4	76.2	101.5	126.7	152.0	177.3	250.5	323.3	396.4	469.2
70°	60.4	63.4	66.8	96.2	125.6	155.0	184.4	246.7	309.3	371.5	433.8
72.5°	53.2	55.8	58.5	88.3	118.1	147.9	177.7	233.1	288.2	343.6	398.7
75°	46.4	47.5	49.0	74.3	99.2	124.5	149.4	186.3	223.7	260.6	297.6
77.5°	33.6	33.6	33.9	41.5	48.7	56.2	63.4	86.4	109.4	132.0	155.0
80°	23.0	23.4	23.4	26.4	29.0	32.1	34.7	39.6	44.1	49.0	53.6
82.5°	11.7	10.9	10.6	13.6	16.6	19.6	22.6	23.8	24.5	25.6	26.4
85°	1.1	0.4	0.0	1.9	3.8	5.7	7.5	9.1	10.6	12.1	13.6
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: P367293
 CATALOG NUMBER: MSA-SA2B-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: P367293

CATALOG NUMBER: MSA-SA2B-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°	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4
2.5°	876.2	873.2	870.2	867.2	885.6	904.5	923.0	941.5	993.9	1028.2	1024.4
5°	976.5	990.1	1003.7	1017.3	1039.2	1061.4	1083.3	1105.2	1182.9	1230.4	1237.2
7.5°	910.5	931.3	952.4	973.2	1015.4	1057.3	1099.5	1141.4	1205.1	1254.5	1282.4
10°	803.0	826.8	850.2	873.9	921.5	969.4	1016.9	1064.4	1136.1	1204.4	1239.4
12.5°	805.3	842.6	880.0	917.3	958.8	1000.3	1041.4	1082.9	1126.7	1149.7	1199.1
15°	867.9	897.3	926.8	956.2	1010.5	1064.8	1118.7	1173.1	1199.1	1254.5	1312.2
17.5°	890.9	948.6	1006.0	1063.3	1131.2	1198.7	1266.6	1334.1	1383.2	1460.1	1519.7
20°	848.3	934.7	1020.7	1107.1	1200.2	1293.4	1386.6	1479.7	1533.3	1606.5	1698.5
22.5°	850.2	941.8	1033.1	1124.8	1253.4	1381.6	1510.3	1638.5	1782.2	1923.3	1968.2
25°	863.4	983.3	1102.9	1222.8	1371.5	1520.1	1668.7	1817.3	1990.8	2139.0	2198.6
27.5°	867.9	1002.9	1137.6	1272.6	1483.9	1695.1	1906.3	2117.5	2324.6	2492.1	2555.8
30°	857.0	1022.2	1187.0	1351.8	1611.0	1870.1	2129.2	2388.4	2584.9	2779.9	2859.1
32.5°	859.6	1070.1	1280.6	1491.0	1796.2	2101.7	2406.8	2712.0	2837.6	3013.4	3152.9
35°	877.7	1108.6	1339.0	1569.9	1907.4	2245.0	2582.6	2920.2	3126.2	3311.7	3430.2
37.5°	920.0	1175.7	1431.1	1686.8	2101.7	2517.0	2931.9	3346.8	3665.5	3984.3	4038.6
40°	951.3	1221.3	1491.4	1761.5	2243.1	2724.8	3206.5	3688.2	4048.8	4394.6	4431.6
42.5°	986.7	1282.4	1578.5	1874.3	2412.9	2951.5	3490.1	4028.8	4446.3	4799.0	4823.5
45°	1025.6	1330.0	1634.0	1938.0	2502.3	3066.2	3630.5	4194.4	4682.1	5091.7	4999.3
47.5°	1044.1	1369.6	1695.1	2020.6	2625.6	3230.3	3835.3	4439.9	4877.4	5238.8	5130.9
50°	1058.4	1416.3	1774.7	2132.6	2767.1	3401.5	4035.9	4670.4	5109.0	5442.5	5273.5
52.5°	1098.8	1499.0	1899.5	2299.7	2974.5	3648.9	4323.7	4998.1	5422.5	5728.8	5491.9
55°	1138.0	1598.9	2060.2	2521.1	3246.9	3972.9	4698.7	5424.4	5846.8	6109.3	5787.6
57.5°	1187.4	1695.8	2203.9	2712.0	3488.3	4264.5	5040.4	5816.6	6229.7	6519.7	6185.5
60°	1174.6	1717.7	2261.3	2804.4	3595.0	4385.6	5176.2	5966.8	6457.5	6813.9	6587.2
62.5°	1124.8	1663.4	2201.7	2740.3	3516.9	4293.2	5069.8	5846.1	6434.1	6916.9	6840.7
65°	1024.1	1524.6	2025.5	2526.0	3267.6	4009.5	4751.1	5492.6	6218.4	6832.8	6860.0
67.5°	891.7	1314.1	1736.2	2158.7	2850.4	3542.2	4233.6	4925.3	5781.9	6498.6	6579.3
70°	751.4	1068.6	1386.2	1703.4	2312.2	2921.0	3529.4	4138.2	5028.7	5749.9	5902.3
72.5°	602.4	806.4	1010.1	1213.8	1653.2	2092.3	2531.7	2970.7	3754.2	4313.9	4579.8
75°	390.4	483.2	576.0	668.8	961.5	1253.8	1546.5	1838.8	2358.9	2771.2	3071.8
77.5°	173.9	192.7	211.2	230.1	456.0	682.0	907.9	1133.8	1359.8	1608.7	1679.2
80°	62.2	70.5	79.2	87.5	198.4	309.7	420.6	531.5	640.8	769.5	800.8
82.5°	26.0	26.0	25.6	25.3	64.9	104.5	144.1	183.7	212.4	244.0	250.1
85°	10.6	7.9	4.9	1.9	8.3	15.1	21.5	27.9	44.9	40.7	75.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367293
 CATALOG NUMBER: MSA-SA2B-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: P367293

CATALOG NUMBER: MSA-SA2B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4
2.5°	1010.1	1009.4	1008.6	1007.9	1007.1	993.5	980.3	966.7	953.5	970.1	986.7
5°	1226.2	1245.9	1265.5	1285.5	1305.1	1310.7	1316.4	1322.1	1327.7	1339.8	1351.8
7.5°	1305.8	1339.0	1371.8	1405.0	1437.8	1468.4	1498.6	1529.1	1559.7	1552.1	1544.6
10°	1278.3	1338.3	1398.2	1458.6	1518.6	1531.8	1545.0	1558.5	1571.8	1606.1	1640.4
12.5°	1248.5	1320.5	1392.6	1464.6	1536.7	1576.7	1616.3	1656.2	1696.2	1730.9	1765.6
15°	1389.9	1436.0	1482.0	1528.4	1574.4	1609.5	1644.2	1679.2	1714.0	1738.1	1761.9
17.5°	1575.9	1598.5	1621.2	1644.2	1666.8	1694.3	1721.9	1749.4	1776.9	1791.3	1805.6
20°	1772.4	1782.2	1792.0	1801.8	1811.6	1789.8	1767.9	1746.0	1724.1	1737.7	1750.9
22.5°	1969.7	1973.1	1976.9	1980.2	1983.6	1932.7	1881.8	1830.9	1780.0	1758.5	1737.0
25°	2273.3	2248.4	2223.5	2198.6	2173.7	2113.4	2053.0	1992.7	1932.3	1879.2	1826.0
27.5°	2602.2	2517.7	2433.6	2349.1	2265.0	2204.7	2144.3	2084.0	2023.6	1943.7	1863.7
30°	2933.8	2797.6	2661.8	2525.7	2389.9	2318.2	2246.5	2174.5	2102.8	2022.9	1943.3
32.5°	3237.8	3074.1	2910.4	2746.3	2582.6	2461.9	2341.2	2220.5	2099.8	2044.0	1988.2
35°	3489.8	3296.3	3102.8	2908.9	2715.4	2595.8	2476.3	2356.7	2237.1	2154.1	2071.5
37.5°	3920.5	3702.9	3485.2	3267.6	3050.0	2886.6	2723.7	2560.4	2397.0	2341.6	2286.1
40°	4317.7	4043.5	3769.3	3495.0	3220.8	3083.9	2947.4	2810.4	2673.9	2583.0	2492.5
42.5°	4633.4	4344.5	4055.9	3767.0	3478.1	3342.7	3207.6	3072.2	2936.8	2876.1	2815.7
45°	4701.7	4429.3	4157.4	3885.1	3612.7	3533.9	3455.4	3376.6	3298.1	3256.3	3214.8
47.5°	4836.3	4541.0	4246.0	3950.7	3655.3	3619.9	3584.4	3548.6	3513.1	3533.1	3553.1
50°	4911.8	4610.4	4309.0	4007.6	3706.3	3716.5	3726.3	3736.4	3746.6	3888.5	4029.9
52.5°	5058.1	4753.7	4449.3	4144.9	3840.5	3904.7	3968.4	4032.5	4096.3	4291.7	4486.7
55°	5319.5	5020.4	4721.3	4421.8	4122.7	4207.2	4291.7	4376.5	4461.0	4668.5	4875.6
57.5°	5706.9	5410.0	5113.6	4816.7	4520.2	4604.4	4688.5	4772.6	4856.7	5044.2	5231.2
60°	6194.6	5889.8	5585.4	5280.7	4976.3	5008.0	5039.3	5070.9	5102.6	5304.0	5505.1
62.5°	6574.4	6294.2	6014.3	5734.0	5454.2	5419.1	5384.4	5349.3	5314.6	5467.7	5620.5
65°	6662.7	6465.4	6268.5	6071.2	5874.0	5766.1	5658.6	5550.7	5442.9	5504.7	5566.6
67.5°	6410.0	6276.8	6144.0	6010.9	5877.8	5652.6	5427.4	5201.8	4976.6	4943.8	4911.0
70°	5823.4	5750.6	5678.2	5605.4	5533.0	5186.0	4839.3	4492.3	4145.7	4062.3	3979.0
72.5°	4595.3	4640.6	4685.8	4731.5	4776.7	4405.2	4034.0	3662.5	3291.0	3185.4	3080.1
75°	3240.4	3394.0	3547.5	3701.0	3854.5	3515.8	3177.4	2838.7	2500.0	2398.6	2297.5
77.5°	1757.0	2044.7	2332.5	2620.3	2908.1	2628.6	2349.5	2070.0	1790.5	1720.0	1649.8
80°	832.8	998.8	1164.4	1330.3	1496.3	1433.3	1370.3	1307.0	1244.0	1259.4	1274.9
82.5°	255.4	375.3	495.3	615.2	735.1	744.6	753.6	763.1	772.5	795.9	818.9
85°	85.6	117.3	149.0	180.7	212.4	268.2	324.0	380.2	436.0	399.8	364.0
87.5°	0.0	1.1	1.9	3.0	3.8	11.7	19.6	27.5	35.5	30.6	26.0
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: P367293
 CATALOG NUMBER: MSA-SA2B-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: P367293

CATALOG NUMBER: MSA-SA2B-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°	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4
2.5°	1003.7	1020.3	1020.7	1021.4	1021.8	1022.2	1024.1	1026.0	1028.2	1030.1	1017.7
5°	1364.3	1376.4	1354.1	1331.9	1309.2	1287.0	1307.0	1327.0	1346.9	1366.9	1358.3
7.5°	1536.7	1529.1	1526.5	1524.2	1521.6	1519.3	1526.9	1534.4	1542.0	1549.5	1548.7
10°	1674.7	1709.0	1717.3	1725.6	1734.3	1742.6	1725.3	1707.9	1690.6	1673.2	1666.0
12.5°	1800.3	1835.0	1862.6	1890.1	1918.0	1945.5	1920.7	1896.1	1871.2	1846.7	1823.3
15°	1786.0	1809.8	1832.4	1855.0	1877.7	1900.3	1892.0	1884.1	1875.8	1867.5	1863.7
17.5°	1820.3	1834.7	1829.4	1824.1	1818.4	1813.2	1810.5	1808.2	1805.6	1803.0	1793.9
20°	1764.5	1778.1	1774.7	1771.7	1768.3	1764.9	1762.6	1760.3	1758.1	1755.8	1748.7
22.5°	1715.5	1694.0	1688.3	1683.0	1677.4	1672.1	1672.8	1673.6	1674.0	1674.7	1707.2
25°	1772.8	1719.6	1698.9	1678.1	1657.0	1636.2	1645.7	1654.7	1664.2	1673.6	1720.4
27.5°	1783.4	1703.4	1670.2	1637.0	1603.8	1570.6	1604.6	1638.5	1672.5	1706.4	1782.2
30°	1863.3	1783.7	1737.3	1691.3	1644.9	1598.9	1642.3	1685.7	1729.0	1772.4	1854.6
32.5°	1932.0	1876.1	1842.9	1809.8	1776.6	1743.4	1745.3	1746.8	1748.7	1750.5	1866.3
35°	1988.5	1905.9	1875.8	1846.0	1815.8	1786.0	1830.9	1875.8	1920.7	1965.5	2069.6
37.5°	2230.7	2175.3	2119.8	2064.7	2009.3	1954.2	1990.1	2025.9	2062.1	2097.9	2213.0
40°	2401.6	2311.0	2296.7	2282.8	2268.4	2254.5	2272.9	2291.1	2309.5	2328.0	2428.7
42.5°	2755.0	2694.3	2655.4	2616.9	2578.1	2539.6	2554.3	2569.0	2584.1	2598.8	2694.3
45°	3172.9	3131.1	3105.4	3079.8	3053.7	3028.1	3005.8	2983.9	2961.7	2939.8	3036.8
47.5°	3573.1	3593.1	3649.7	3705.9	3762.5	3818.7	3772.7	3726.6	3680.2	3634.2	3634.6
50°	4171.7	4313.2	4341.8	4370.1	4398.8	4427.1	4329.0	4230.9	4132.5	4034.4	4022.7
52.5°	4682.1	4877.1	4887.2	4897.4	4908.0	4918.2	4878.6	4839.0	4799.0	4759.4	4654.1
55°	5083.0	5290.1	5304.0	5317.6	5331.6	5345.2	5310.5	5276.1	5241.4	5206.7	5100.4
57.5°	5418.7	5605.8	5614.1	5622.0	5630.3	5638.6	5641.3	5643.9	5646.9	5649.6	5505.8
60°	5706.5	5907.9	5891.3	5875.1	5858.5	5842.3	5817.4	5792.5	5767.6	5742.7	5649.9
62.5°	5773.6	5926.8	5901.1	5875.9	5850.2	5824.9	5803.8	5783.1	5762.0	5740.8	5681.6
65°	5628.4	5690.3	5663.9	5637.5	5610.7	5584.3	5570.7	5557.5	5543.9	5530.4	5522.8
67.5°	4877.8	4845.0	4876.3	4907.6	4938.9	4970.2	5012.9	5055.5	5098.5	5141.1	5116.2
70°	3895.2	3811.9	3846.6	3880.9	3915.6	3949.9	4014.4	4078.9	4143.8	4208.3	4191.0
72.5°	2974.5	2868.9	2873.8	2878.7	2884.0	2888.9	2887.0	2885.5	2883.6	2881.7	2911.9
75°	2196.0	2094.5	2046.6	1998.7	1950.8	1902.9	1891.2	1879.5	1867.8	1856.2	1912.4
77.5°	1579.3	1509.1	1476.3	1443.9	1411.1	1378.6	1395.2	1411.8	1428.8	1445.4	1465.0
80°	1290.7	1306.2	1280.9	1256.0	1230.8	1205.5	1224.4	1242.8	1261.7	1280.6	1222.1
82.5°	842.3	865.3	787.6	709.9	632.2	554.5	601.6	648.8	696.3	743.4	719.3
85°	327.8	291.9	248.9	206.3	163.3	120.3	156.5	192.7	229.0	265.2	289.3
87.5°	21.1	16.6	13.2	9.8	6.0	2.6	5.7	8.7	12.1	15.1	25.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367293
 CATALOG NUMBER: MSA-SA2B-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: P367293

CATALOG NUMBER: MSA-SA2B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4	797.4
2.5°	1005.6	993.1	981.1	957.3	933.5	909.8	886.0	919.2	952.4	985.6	1018.8
5°	1350.0	1341.3	1333.0	1335.3	1337.5	1340.2	1342.4	1347.3	1352.2	1356.8	1361.7
7.5°	1548.4	1547.6	1546.9	1529.5	1512.2	1494.4	1477.1	1485.8	1494.4	1503.1	1511.8
10°	1659.3	1652.1	1644.9	1606.8	1568.7	1530.3	1492.2	1475.6	1458.6	1442.0	1425.4
12.5°	1800.0	1776.2	1752.8	1712.1	1671.7	1631.0	1590.2	1575.1	1559.7	1544.6	1529.1
15°	1860.3	1856.5	1853.1	1824.1	1794.7	1765.6	1736.2	1684.5	1632.5	1580.8	1529.1
17.5°	1784.9	1775.4	1766.4	1812.4	1858.0	1904.1	1950.1	1896.5	1842.9	1789.4	1735.8
20°	1741.5	1734.3	1727.2	1812.8	1898.0	1983.6	2068.9	2045.1	2021.0	1997.2	1973.5
22.5°	1739.6	1772.4	1804.9	1879.9	1954.6	2029.7	2104.3	2145.5	2186.9	2228.1	2269.2
25°	1767.1	1814.3	1861.1	1985.5	2110.0	2234.9	2359.3	2406.5	2453.2	2500.4	2547.2
27.5°	1857.7	1933.5	2008.9	2117.5	2226.2	2335.2	2443.8	2546.8	2650.1	2753.1	2856.1
30°	1936.5	2018.7	2100.9	2230.3	2359.3	2488.7	2617.7	2746.7	2875.7	3004.7	3133.7
32.5°	1982.1	2098.3	2214.1	2371.4	2528.3	2685.6	2842.9	2984.3	3125.8	3266.8	3408.3
35°	2173.7	2278.2	2382.3	2556.2	2730.1	2904.4	3078.2	3253.3	3428.3	3602.9	3777.9
37.5°	2328.0	2443.4	2558.5	2748.6	2938.3	3128.4	3318.5	3560.3	3802.5	4044.2	4286.0
40°	2529.4	2630.1	2730.9	2908.9	3086.5	3264.6	3442.6	3749.3	4055.9	4362.2	4668.9
42.5°	2789.3	2884.7	2980.2	3170.7	3361.1	3551.6	3742.1	4081.6	4421.0	4760.1	5099.6
45°	3133.7	3231.0	3327.9	3479.6	3631.2	3782.8	3934.5	4295.4	4656.0	5017.0	5377.6
47.5°	3635.0	3635.4	3635.7	3745.1	3854.5	3964.3	4073.7	4437.3	4800.5	5164.1	5527.3
50°	4011.0	3999.0	3987.3	4043.9	4100.1	4156.6	4213.2	4547.8	4882.7	5217.3	5551.9
52.5°	4549.3	4444.1	4339.2	4372.8	4406.0	4439.5	4472.7	4756.0	5039.6	5322.9	5606.2
55°	4994.4	4888.0	4781.6	4769.2	4756.7	4744.3	4731.8	4992.5	5253.1	5513.8	5774.4
57.5°	5362.5	5218.8	5075.5	5046.8	5018.5	4989.8	4961.2	5236.2	5510.7	5785.7	6060.3
60°	5557.5	5464.7	5371.9	5353.5	5334.6	5316.1	5297.3	5522.8	5748.4	5973.9	6199.5
62.5°	5622.8	5563.6	5504.7	5539.4	5574.1	5609.2	5643.9	5743.1	5841.9	5941.1	6039.9
65°	5515.6	5508.1	5500.6	5571.8	5642.8	5714.1	5785.3	5760.8	5735.9	5711.4	5686.9
67.5°	5091.7	5066.8	5042.3	5198.8	5355.0	5511.5	5668.0	5549.2	5430.0	5311.2	5192.4
70°	4173.6	4155.9	4138.5	4364.1	4589.6	4815.6	5041.1	4897.1	4753.0	4608.9	4464.8
72.5°	2941.7	2971.9	3002.1	3268.0	3533.5	3799.4	4065.0	3919.8	3774.5	3629.3	3484.1
75°	1968.2	2024.4	2080.6	2354.4	2628.3	2902.5	3176.3	3005.8	2835.3	2664.8	2494.4
77.5°	1484.6	1504.2	1523.8	1697.0	1870.1	2043.6	2216.7	2076.1	1935.0	1794.3	1653.2
80°	1163.6	1104.8	1046.3	1103.3	1160.2	1217.2	1274.1	1190.0	1105.9	1022.2	938.1
82.5°	695.2	671.0	646.9	677.8	708.4	739.3	770.2	734.0	697.4	661.2	624.6
85°	313.1	337.2	361.0	392.3	423.2	454.5	485.8	435.3	384.7	334.2	283.6
87.5°	35.1	45.3	55.4	68.6	81.9	95.1	108.3	84.5	60.4	36.6	12.8
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



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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°	797.4	797.4
2.5°	1038.0	1057.3
5°	1361.3	1360.5
7.5°	1489.1	1466.1
10°	1404.3	1383.2
12.5°	1475.2	1421.3
15°	1488.4	1447.7
17.5°	1669.4	1602.7
20°	1887.8	1801.8
22.5°	2151.5	2033.4
25°	2406.8	2266.5
27.5°	2772.0	2687.5
30°	3048.4	2962.8
32.5°	3350.2	3292.1
35°	3720.2	3662.1
37.5°	4301.1	4315.8
40°	4677.9	4687.0
42.5°	5134.7	5169.8
45°	5416.8	5456.1
47.5°	5582.0	5636.7
50°	5640.1	5728.4
52.5°	5715.2	5823.8
55°	5895.5	6016.6
57.5°	6156.9	6253.4
60°	6204.0	6208.5
62.5°	5970.2	5900.4
65°	5612.6	5538.3
67.5°	5147.5	5102.2
70°	4405.2	4345.6
72.5°	3373.2	3262.3
75°	2357.1	2219.8
77.5°	1581.2	1509.1
80°	940.3	942.2
82.5°	642.0	659.0
85°	280.3	276.5
87.5°	9.1	4.9
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: P367293
CATALOG NUMBER: MSA-SA2B-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)