

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: P596619

Luminaire Tested: **MSA-SA2C-827-U-SLR-HSS**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P596619
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)
Test Lab: INNOVATIONS CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA2C-827-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: 6615 lumens
Efficiency: N/A
Efficacy: 58.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

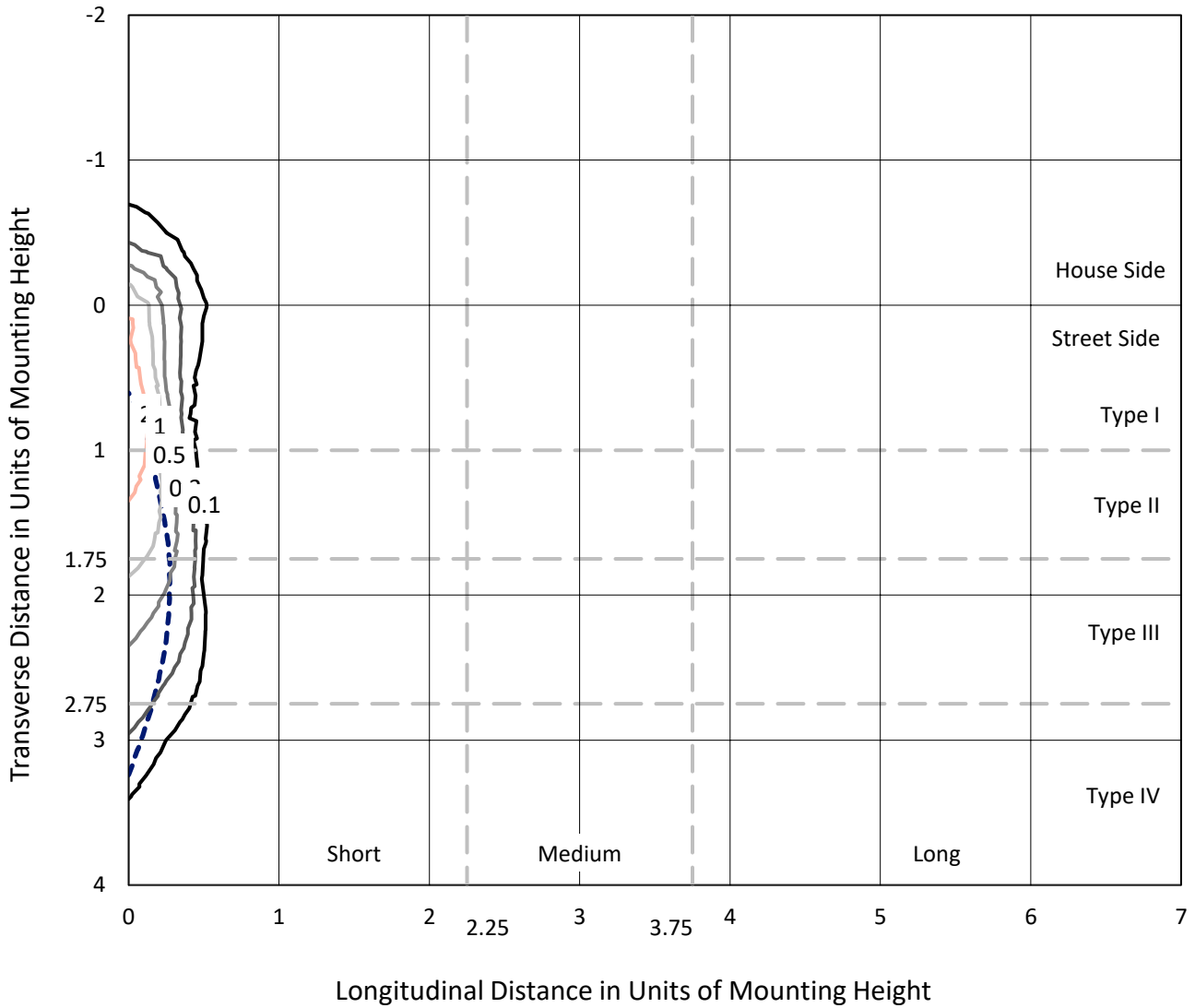
Input Watts (W): 113
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

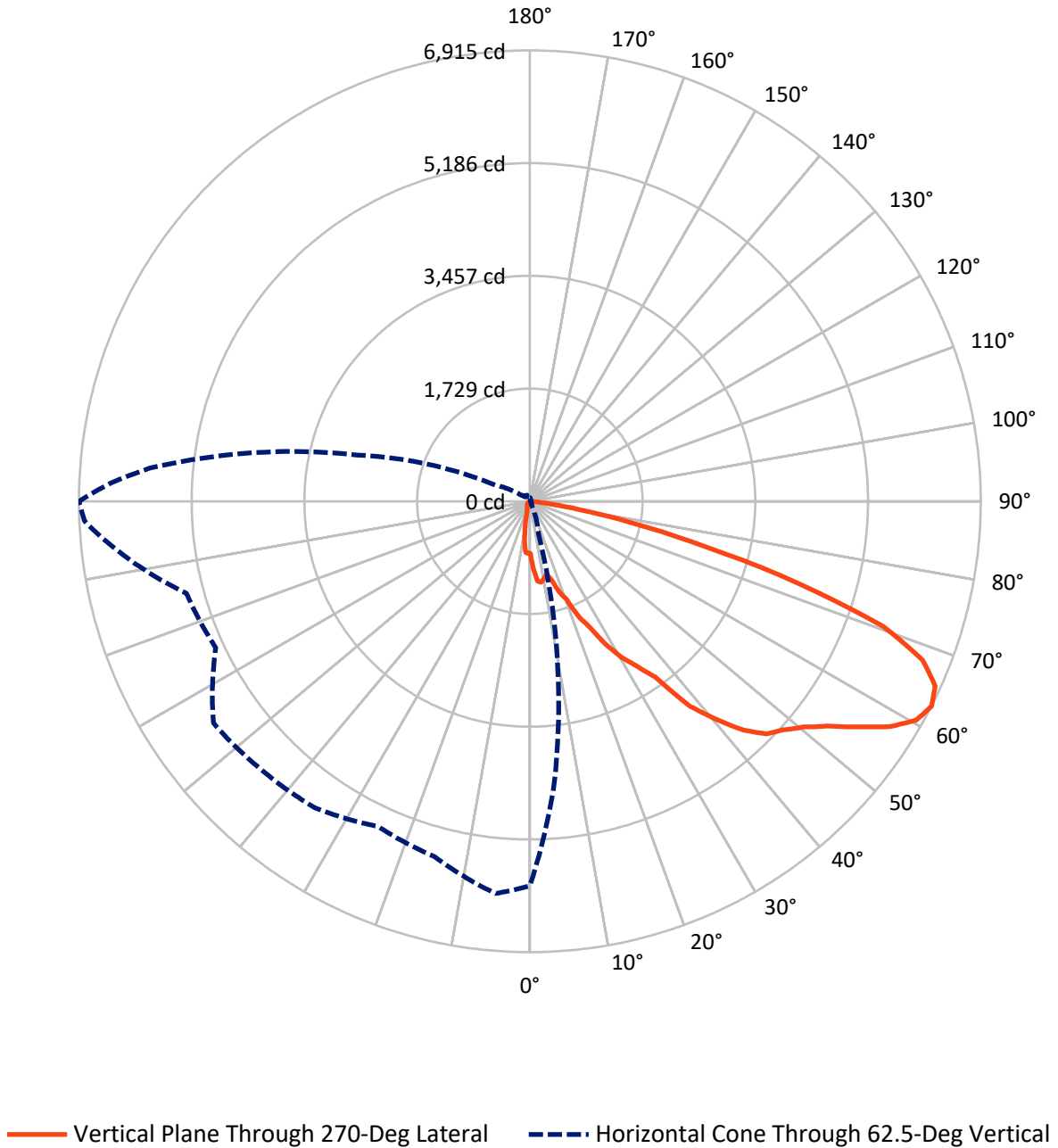
× Max cd
 - - - 1/2 Max cd



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	1104.6	0.0	1104.6
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	5510.4	0.0	5510.4
	% Fixture	83.3	0.0	83.3
Total	Lumens	6615.0	0.0	6615.0
	% 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°	376.0	5.7
30°-40°	629.8	9.5
40°-50°	1029.6	15.6
50°-60°	1524.1	23.0
60°-70°	1749.7	26.5
70°-80°	865.1	13.1
80°-90°	118.8	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6615.0	100.0
0°-180°	6615.0	100.0

Coefficient of Utilization

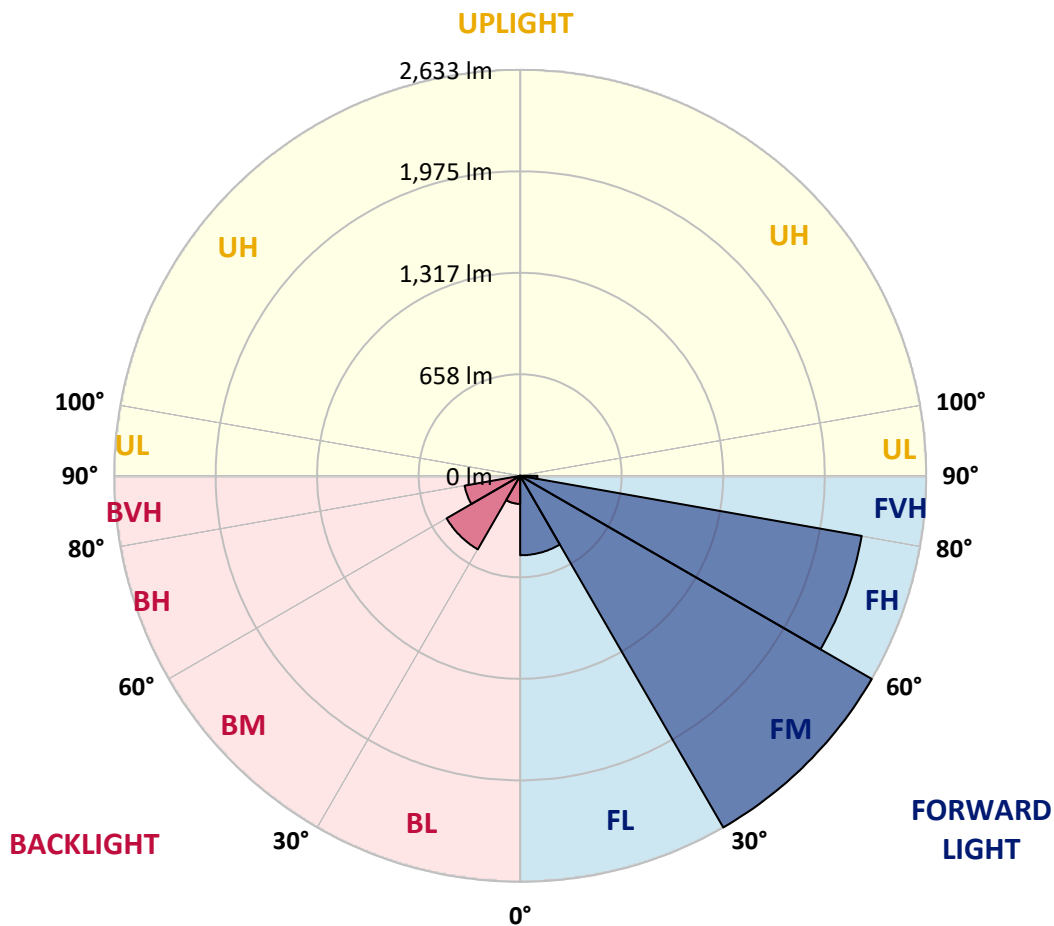


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	515.4	7.8			
FM (30°-60°)	2633.1	39.8			
FH (60°-80°)	2249.4	34.0			G2/5000
FVH (80°-90°)	112.5	1.7			G2/225
BL (0°-30°)	182.4	2.8	B1/500		
BM (30°-60°)	550.4	8.3	B1/1000		
BH (60°-80°)	365.5	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°	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1
2.5°	1056.9	1070.1	1083.0	1058.5	1033.9	1009.4	984.9	963.1	941.2	918.9	897.1
5°	1360.1	1336.0	1311.8	1278.7	1245.5	1212.3	1179.1	1163.7	1148.2	1132.7	1117.3
7.5°	1465.7	1422.7	1379.3	1349.9	1320.9	1291.5	1262.1	1215.7	1168.9	1122.6	1075.8
10°	1382.7	1337.1	1291.1	1265.5	1239.8	1214.2	1188.5	1130.9	1072.8	1015.1	957.0
12.5°	1420.8	1371.4	1322.0	1269.2	1216.4	1163.7	1110.9	1066.7	1022.3	978.1	933.6
15°	1447.2	1390.7	1333.7	1273.4	1213.1	1152.7	1092.4	1040.4	988.7	936.7	884.6
17.5°	1602.2	1521.1	1440.1	1347.3	1254.5	1161.8	1069.0	1008.7	948.7	888.4	828.1
20°	1801.3	1686.3	1570.9	1445.3	1319.8	1194.2	1068.6	993.6	918.6	843.5	768.5
22.5°	2032.8	1889.2	1745.1	1590.1	1435.5	1280.5	1125.6	1017.7	909.9	802.0	694.2
25°	2265.8	2136.1	2006.4	1797.9	1589.4	1380.5	1172.0	1035.1	897.8	760.9	623.7
27.5°	2686.7	2454.8	2222.9	1957.4	1692.3	1426.9	1161.4	1004.5	847.7	690.4	533.6
30°	2961.9	2783.6	2604.8	2254.2	1903.9	1553.2	1202.5	1003.8	805.1	606.0	407.2
32.5°	3291.1	3030.2	2768.9	2388.4	2007.9	1627.5	1247.0	1013.6	779.8	546.4	312.6
35°	3661.0	3377.1	3093.2	2611.3	2129.3	1647.1	1165.2	938.9	712.7	486.4	260.2
37.5°	4314.5	3839.4	3364.3	2802.4	2240.2	1678.4	1116.1	890.3	664.0	438.2	211.9
40°	4685.5	4231.9	3778.3	3076.2	2374.1	1672.0	969.8	769.2	569.0	368.4	167.8
42.5°	5168.2	4592.8	4017.0	3232.3	2447.6	1662.9	878.2	692.7	507.2	321.3	135.7
45°	5454.4	4802.4	4150.5	3300.2	2449.9	1599.6	749.2	588.6	428.0	267.3	106.7
47.5°	5635.0	4981.2	4327.3	3414.4	2501.9	1589.0	676.1	528.3	380.5	232.7	84.8
50°	5726.7	5070.9	4414.8	3476.6	2538.5	1599.9	661.8	514.7	367.3	220.2	72.8
52.5°	5822.1	5189.7	4557.0	3584.5	2612.0	1639.5	667.0	517.0	367.3	217.2	67.1
55°	6014.7	5391.1	4767.0	3739.1	2711.2	1683.3	655.4	507.5	359.7	211.5	63.7
57.5°	6251.5	5584.9	4917.8	3852.2	2786.6	1721.0	655.4	506.8	358.2	209.3	60.7
60°	6206.7	5483.1	4759.1	3725.1	2691.2	1656.9	622.9	481.5	340.5	199.1	57.7
62.5°	5898.6	5113.1	4327.3	3371.8	2415.9	1460.4	504.5	391.8	279.0	165.9	53.2
65°	5536.6	4702.9	3868.8	2989.5	2109.7	1230.4	350.7	275.3	199.5	124.1	48.3
67.5°	5100.7	4211.6	3322.4	2540.4	1758.7	976.6	194.6	156.9	119.2	81.1	43.4
70°	4344.3	3426.5	2508.3	1907.3	1306.6	705.5	104.5	88.2	72.0	55.8	39.6
72.5°	3261.3	2420.5	1579.6	1199.9	820.5	440.8	61.1	55.1	48.6	42.6	36.2
75°	2219.1	1589.0	958.9	730.0	501.5	272.6	43.7	40.7	37.3	34.3	30.9
77.5°	1508.7	1091.3	673.8	514.3	354.8	195.3	35.8	33.9	32.1	29.8	27.9
80°	941.9	644.8	347.7	267.7	187.4	107.5	27.1	26.0	24.9	23.4	22.2
82.5°	658.8	394.0	129.3	101.1	72.8	44.1	15.8	16.2	16.6	16.6	17.0
85°	276.4	149.3	22.2	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°	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1
2.5°	902.7	908.4	913.7	919.3	914.8	910.6	906.1	901.6	894.8	888.4	881.6
5°	1098.4	1079.6	1060.7	1041.9	1013.2	984.5	955.5	926.9	923.5	920.1	916.3
7.5°	1031.7	987.6	943.1	898.9	857.5	816.0	774.5	733.0	720.2	707.8	695.0
10°	923.1	889.1	854.8	820.9	791.1	760.9	731.2	701.0	669.7	638.4	606.7
12.5°	898.2	862.7	826.9	791.5	764.3	737.2	710.0	682.9	647.8	612.7	577.7
15°	846.2	807.7	769.2	730.8	694.6	658.4	621.8	585.6	543.4	501.1	458.9
17.5°	782.4	737.2	691.6	645.9	598.4	550.9	503.4	455.9	407.2	359.0	310.3
20°	706.6	644.8	582.6	520.7	461.9	403.1	343.9	285.1	254.5	224.4	193.8
22.5°	614.3	533.9	454.0	373.7	325.4	276.8	228.5	179.9	166.7	153.5	140.3
25°	532.8	441.9	351.1	260.2	229.6	199.1	168.6	138.0	132.0	125.6	119.5
27.5°	448.0	362.7	277.2	191.6	174.2	156.5	139.1	121.4	117.3	113.5	109.4
30°	343.5	279.8	215.7	152.0	140.6	129.3	117.6	106.3	104.5	102.2	100.3
32.5°	266.2	219.5	173.1	126.3	119.9	113.5	107.1	100.7	97.7	94.6	91.3
35°	222.5	185.1	147.4	109.7	105.2	100.3	95.8	90.9	87.9	84.5	81.4
37.5°	184.4	157.2	129.7	102.2	97.3	92.4	87.1	82.2	79.9	77.7	75.4
40°	152.0	136.1	120.3	104.5	97.3	90.1	83.0	75.8	73.9	72.0	70.1
42.5°	125.6	115.4	104.8	94.6	89.4	84.5	79.2	73.9	71.3	68.3	65.6
45°	101.4	95.8	90.5	84.8	85.2	85.6	85.6	86.0	79.2	72.0	65.2
47.5°	82.2	79.6	76.5	73.9	76.9	79.9	82.6	85.6	78.4	71.3	63.7
50°	70.5	68.6	66.4	64.1	67.1	70.5	73.5	76.5	73.5	70.9	67.9
52.5°	64.5	61.8	59.2	56.6	57.7	59.2	60.3	61.5	61.5	61.5	61.5
55°	60.7	58.1	55.1	52.0	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	45.2	43.4	41.5	39.2	37.3	35.1	33.2	30.9
62.5°	50.5	47.9	45.2	42.6	40.7	39.2	37.3	35.4	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°	27.1	26.8	26.0	25.3	23.4	21.5	19.6	17.7	18.1	18.5	18.5
80°	22.2	22.2	21.9	21.9	20.4	18.9	17.0	15.5	16.2	17.3	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	9.0	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: P596619
 CATALOG NUMBER: MSA-SA2C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1
2.5°	874.8	863.5	852.2	840.5	829.2	802.8	776.4	750.0	723.6	743.2	762.4
5°	912.9	891.0	868.8	846.9	824.7	814.9	805.4	795.6	785.8	787.3	789.2
7.5°	682.1	667.8	653.5	638.8	624.4	621.4	618.8	615.8	612.7	619.2	625.2
10°	575.4	555.4	535.1	515.1	494.7	483.8	472.9	461.9	451.0	449.9	448.3
12.5°	542.6	512.1	481.9	451.4	420.8	397.1	373.3	349.5	325.8	327.7	329.6
15°	416.7	386.1	356.0	325.4	294.9	275.6	256.0	236.8	217.2	211.5	205.9
17.5°	261.7	239.1	216.4	193.4	170.8	164.4	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	117.6	118.8	119.9
22.5°	127.1	122.9	118.4	114.3	109.7	108.2	106.7	105.2	103.7	104.8	105.6
25°	113.1	110.1	107.1	104.1	101.1	99.5	97.7	96.2	94.3	95.0	96.2
27.5°	105.2	102.6	99.9	97.3	94.6	92.0	89.7	87.1	84.5	86.0	87.1
30°	98.0	95.0	92.4	89.4	86.4	83.7	81.1	78.1	75.4	76.9	78.4
32.5°	88.2	85.6	82.6	79.9	76.9	75.4	73.9	72.0	70.5	71.6	72.4
35°	78.1	75.8	73.9	71.6	69.4	67.9	66.7	65.2	63.7	64.1	64.9
37.5°	73.2	70.5	67.9	65.2	62.6	61.8	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	52.0	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	45.2	41.5	39.6	37.7	35.4	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	53.5	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	22.2	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	27.1	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	17.3	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	17.3	16.2	15.1	13.6
70°	20.4	20.4	20.4	20.0	20.0	19.2	18.1	17.3	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	17.3	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	9.0	7.5	6.0	4.5	3.0
85°	11.7	10.9	10.6	9.8	9.0	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: P596619
 CATALOG NUMBER: MSA-SA2C-827-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: P596619
 CATALOG NUMBER: MSA-SA2C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1
2.5°	782.1	801.3	798.6	796.0	808.5	820.9	811.8	803.2	794.1	785.1	766.2
5°	790.7	792.2	789.6	786.6	787.0	787.3	781.3	775.3	769.2	763.2	762.1
7.5°	631.6	637.6	645.9	653.8	654.2	654.2	649.7	645.2	640.3	635.8	638.0
10°	447.2	445.7	448.0	450.2	449.9	449.1	461.2	473.2	484.9	497.0	488.3
12.5°	331.1	333.0	323.5	314.1	317.5	320.5	322.4	324.3	326.2	328.1	333.3
15°	200.2	194.6	187.8	181.0	184.4	187.4	190.8	193.8	197.2	200.2	203.6
17.5°	139.5	137.6	134.6	131.2	131.6	132.0	132.4	132.7	132.7	133.1	133.9
20°	121.0	122.2	119.9	117.3	116.5	115.4	114.6	113.9	112.7	112.0	110.9
22.5°	106.7	107.5	107.8	107.8	106.3	104.5	102.9	101.8	100.3	98.8	98.0
25°	96.9	97.7	96.9	95.8	95.0	94.3	93.5	92.4	91.6	90.5	90.1
27.5°	88.6	89.7	89.7	89.4	88.6	87.5	85.6	84.1	82.2	80.3	80.7
30°	79.9	81.4	81.4	81.1	80.7	80.3	78.4	76.5	74.7	72.8	73.5
32.5°	73.5	74.3	73.9	73.5	73.5	73.2	71.6	70.5	69.0	67.5	67.5
35°	65.2	65.6	65.6	65.6	65.6	65.2	64.1	63.0	61.8	60.7	61.1
37.5°	59.2	59.2	60.3	61.1	60.3	59.6	58.8	57.7	56.9	55.8	55.8
40°	52.4	52.4	53.5	54.3	53.5	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	45.2
45°	38.8	38.5	40.3	41.9	41.1	40.3	40.3	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	22.2	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	9.0	9.0	9.0
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: P596619
 CATALOG NUMBER: MSA-SA2C-827-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: P596619
 CATALOG NUMBER: MSA-SA2C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1
2.5°	747.4	728.5	709.7	718.7	727.8	736.8	745.9	745.1	744.0	743.2	742.1
5°	761.3	760.2	759.1	753.8	748.9	743.6	738.3	737.2	735.7	734.5	733.0
7.5°	640.3	642.2	644.4	638.4	632.4	626.3	620.3	604.8	589.4	573.5	558.1
10°	479.6	470.6	461.9	461.2	460.4	459.7	458.9	457.4	455.9	454.0	452.5
12.5°	339.0	344.3	349.5	347.7	345.8	343.5	341.6	344.3	347.3	349.9	352.6
15°	206.6	210.0	213.0	219.8	226.6	233.4	240.2	242.8	245.9	248.5	251.1
17.5°	134.6	135.0	135.7	143.3	150.5	158.0	165.2	170.1	175.0	179.5	184.4
20°	109.7	108.6	107.5	111.6	115.8	119.9	124.1	128.6	133.1	137.6	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°	89.7	89.0	88.6	89.4	90.1	90.9	91.6	93.5	95.4	97.3	99.2
27.5°	80.7	81.1	81.1	81.8	82.2	83.0	83.3	84.1	85.2	86.0	86.7
30°	73.9	74.7	75.0	75.8	76.2	76.9	77.3	76.9	76.5	76.2	75.8
32.5°	67.5	67.1	67.1	67.9	68.3	69.0	69.4	70.1	70.9	71.3	72.0
35°	61.1	61.5	61.5	61.5	61.8	61.8	61.8	62.6	63.7	64.5	65.2
37.5°	55.4	55.4	55.1	56.2	56.9	58.1	58.8	59.6	60.7	61.5	62.2
40°	50.5	50.5	50.5	51.3	52.0	52.4	53.2	55.1	56.9	58.8	60.7
42.5°	45.2	45.6	45.6	46.4	47.1	47.5	48.3	49.8	50.9	52.4	53.5
45°	40.3	40.7	41.1	41.9	42.2	43.0	43.4	44.1	44.5	45.2	45.6
47.5°	34.7	35.1	35.4	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	27.1	26.8	26.4	26.0
55°	21.1	21.1	21.1	21.5	21.9	22.2	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	17.3	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	9.0	8.3	7.9	7.9	7.5	7.2
75°	10.2	9.8	9.8	9.0	8.3	7.5	6.8	6.4	5.7	5.3	4.5
77.5°	9.0	9.0	9.0	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: P596619
 CATALOG NUMBER: MSA-SA2C-827-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: P596619
 CATALOG NUMBER: MSA-SA2C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1
2.5°	746.2	750.4	754.5	758.7	759.1	759.4	759.8	760.2	750.8	741.0	731.5
5°	740.6	748.5	756.0	763.6	759.4	755.3	751.1	747.0	746.6	746.6	746.2
7.5°	559.2	560.0	561.1	561.8	563.4	564.9	566.0	567.5	573.5	579.6	585.2
10°	447.6	442.7	437.4	432.5	428.7	424.6	420.8	416.7	419.7	423.1	426.1
12.5°	348.4	344.3	339.7	335.6	334.1	332.6	330.7	329.2	339.0	348.8	358.2
15°	250.4	249.6	248.5	247.7	252.6	257.5	262.4	267.3	275.6	283.6	291.9
17.5°	186.3	188.2	190.0	191.9	194.9	198.0	200.6	203.6	209.7	216.1	222.1
20°	144.4	147.1	149.3	151.6	150.8	150.1	148.9	148.2	153.1	158.0	162.5
22.5°	118.0	119.9	122.2	124.1	124.4	124.8	125.2	125.6	128.6	131.2	134.2
25°	101.1	103.3	105.2	107.1	107.5	107.8	108.2	108.6	112.4	116.1	119.5
27.5°	89.4	91.6	94.3	96.5	97.3	98.0	98.8	99.5	101.8	103.7	106.0
30°	78.8	81.8	84.8	87.9	89.0	90.1	91.3	92.4	94.6	97.3	99.5
32.5°	73.5	75.4	76.9	78.4	81.1	83.3	86.0	88.2	90.9	93.9	96.5
35°	67.5	69.4	71.6	73.5	75.4	77.3	78.8	80.7	82.2	83.7	84.8
37.5°	63.7	65.6	67.1	68.6	69.4	70.1	70.5	71.3	72.0	72.8	73.2
40°	60.7	60.3	60.3	60.0	60.7	61.8	62.6	63.3	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	40.3	43.0	45.2	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°	27.1	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	27.1	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	17.3	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	17.3	20.0	23.0	25.6
70°	9.8	10.2	10.2	10.2	11.3	12.8	14.0	15.1	17.3	19.6	21.9
72.5°	7.5	7.5	7.9	7.9	9.0	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: P596619
 CATALOG NUMBER: MSA-SA2C-827-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: P596619
 CATALOG NUMBER: MSA-SA2C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1
2.5°	721.7	742.5	763.2	783.9	804.7	830.3	856.0	859.7	863.5	859.0	854.8
5°	745.9	756.0	765.8	776.0	785.8	815.2	844.3	844.7	844.7	845.0	845.0
7.5°	591.3	599.9	608.6	616.9	625.6	644.8	664.0	671.2	678.0	676.5	675.0
10°	429.1	440.4	451.4	462.7	473.6	491.3	509.1	515.8	522.3	543.0	564.1
12.5°	368.0	379.0	389.9	400.5	411.4	429.5	447.6	460.8	473.6	486.4	499.2
15°	299.8	308.4	317.5	326.2	334.8	343.1	351.4	367.6	383.5	396.3	409.1
17.5°	228.1	231.9	235.3	239.1	242.5	246.2	250.0	256.8	263.2	274.5	285.4
20°	167.4	170.4	173.5	176.1	179.1	182.9	186.7	191.6	196.1	198.7	201.0
22.5°	136.9	141.4	145.9	150.1	154.6	157.2	159.9	161.4	162.9	164.0	165.2
25°	123.3	127.5	131.2	135.4	139.1	140.3	141.4	144.4	147.4	147.4	147.4
27.5°	107.8	113.5	119.5	125.2	130.8	132.4	133.5	134.6	135.4	133.9	132.0
30°	101.8	107.5	113.1	118.4	124.1	126.3	128.2	129.3	130.5	128.6	126.7
32.5°	99.2	104.5	109.4	114.6	119.5	122.5	125.2	128.2	130.8	131.2	132.0
35°	86.4	89.7	93.5	96.9	100.3	101.8	103.3	104.5	105.2	105.2	105.2
37.5°	73.9	78.4	83.3	87.9	92.4	95.8	99.2	99.5	99.5	100.3	101.4
40°	71.6	76.2	80.7	84.8	89.4	93.1	96.5	96.9	97.3	98.0	98.8
42.5°	68.6	73.5	78.4	83.3	88.2	92.0	95.4	95.4	95.0	96.2	96.9
45°	65.6	70.5	75.0	79.9	84.5	89.4	93.9	92.8	91.3	93.1	94.6
47.5°	61.5	66.7	72.0	76.9	82.2	86.7	90.9	90.1	89.0	90.9	92.8
50°	57.3	62.6	67.9	73.2	78.4	83.3	87.9	87.1	86.4	88.6	90.5
52.5°	53.2	58.4	64.1	69.4	74.7	78.8	82.6	82.2	81.8	84.1	86.7
55°	49.0	53.9	59.2	64.1	69.0	73.5	77.7	76.9	76.2	78.1	79.9
57.5°	44.5	49.4	53.9	58.8	63.3	67.1	70.5	69.4	68.3	70.5	72.8
60°	39.6	44.1	48.6	52.8	57.3	60.3	63.0	62.2	61.1	63.3	65.6
62.5°	35.1	39.2	43.4	47.1	51.3	53.5	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	35.4	37.3	39.2
72.5°	20.4	22.6	24.9	26.8	29.0	30.5	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	9.0	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: P596619
 CATALOG NUMBER: MSA-SA2C-827-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: P596619

CATALOG NUMBER: MSA-SA2C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1
2.5°	850.3	845.8	842.8	840.1	837.1	834.1	837.9	841.6	845.0	848.8	860.1
5°	845.4	845.4	842.8	840.1	837.5	834.8	840.5	845.8	851.4	856.7	856.3
7.5°	673.1	671.6	687.4	702.9	718.7	734.2	738.3	742.5	746.2	750.4	749.2
10°	584.8	605.6	612.4	619.2	625.9	632.7	641.0	649.3	657.6	665.9	668.9
12.5°	512.1	524.9	546.8	568.3	590.1	611.6	622.6	633.9	644.8	655.7	677.2
15°	421.9	434.8	453.6	472.5	491.3	510.2	527.5	545.3	562.6	579.9	606.0
17.5°	296.8	307.7	322.0	336.4	350.3	364.6	391.4	418.2	444.9	471.7	499.2
20°	203.6	205.9	212.7	219.8	226.6	233.4	257.5	282.1	306.2	330.3	366.5
22.5°	165.9	167.0	170.4	173.8	176.8	180.2	192.7	205.5	217.9	230.4	259.8
25°	147.1	147.1	149.3	151.6	153.8	156.1	162.9	169.7	176.1	182.9	201.7
27.5°	130.5	128.6	132.0	135.4	138.8	142.2	147.1	152.3	157.2	162.1	175.0
30°	124.8	122.9	127.1	131.2	135.4	139.5	144.4	149.3	153.8	158.7	167.4
32.5°	132.4	132.7	134.2	135.7	136.9	138.4	140.6	143.3	145.6	147.8	155.4
35°	105.2	105.2	107.8	110.5	112.7	115.4	119.5	123.7	127.8	132.0	139.9
37.5°	102.2	102.9	105.2	107.8	110.1	112.4	117.6	123.3	128.6	133.9	140.3
40°	99.2	99.9	102.9	106.0	109.0	112.0	117.3	122.2	127.5	132.4	138.4
42.5°	98.0	98.8	102.6	106.7	110.5	114.3	118.8	123.3	127.5	132.0	140.3
45°	96.5	98.0	102.6	107.5	112.0	116.5	120.7	124.8	129.0	133.1	143.3
47.5°	94.3	96.2	101.4	106.3	111.6	116.5	124.4	132.7	140.6	148.6	153.5
50°	92.8	94.6	100.3	106.0	111.6	117.3	130.1	142.9	155.4	168.2	165.5
52.5°	89.0	91.3	98.4	105.6	112.7	119.9	131.2	142.5	153.8	165.2	159.9
55°	81.8	83.7	92.0	100.3	108.2	116.5	124.8	133.1	141.0	149.3	143.3
57.5°	74.7	76.9	84.8	92.8	100.3	108.2	112.4	116.5	120.7	124.8	122.5
60°	67.9	70.1	80.7	91.3	101.8	112.4	108.6	104.8	100.7	96.9	99.5
62.5°	61.5	63.7	73.9	83.7	93.9	103.7	98.4	93.1	87.9	82.6	86.7
65°	54.3	56.6	60.3	64.5	68.3	72.0	71.6	70.9	70.5	69.8	74.3
67.5°	46.8	48.6	50.5	52.8	54.7	56.6	57.7	59.2	60.3	61.5	65.2
70°	40.7	42.6	44.9	46.8	49.0	50.9	51.7	52.4	52.8	53.5	56.9
72.5°	33.9	35.4	38.5	41.5	44.1	47.1	47.5	47.5	47.9	47.9	50.5
75°	29.4	30.5	32.8	35.1	37.0	39.2	40.3	41.5	42.2	43.4	44.9
77.5°	26.0	27.5	28.3	28.7	29.4	29.8	30.5	31.3	32.1	32.8	33.2
80°	19.2	21.1	21.9	22.2	23.0	23.4	23.4	23.0	23.0	22.6	23.0
82.5°	6.0	6.8	7.9	9.0	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: P596619
 CATALOG NUMBER: MSA-SA2C-827-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: P596619
 CATALOG NUMBER: MSA-SA2C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1
2.5°	871.4	882.4	893.7	889.1	884.6	880.1	875.6	876.3	877.5	878.2	879.0
5°	856.0	855.2	854.8	867.7	880.8	893.7	906.5	920.4	934.8	948.7	962.7
7.5°	748.1	746.6	745.5	762.1	778.7	795.3	811.8	831.1	850.7	869.9	889.1
10°	671.9	675.0	678.0	684.8	691.9	698.7	705.5	724.0	742.5	760.6	779.0
12.5°	698.7	719.8	741.3	745.5	749.2	753.4	757.2	759.8	762.4	765.1	767.7
15°	632.4	658.4	684.4	695.3	705.9	716.8	727.4	755.3	782.8	810.7	838.2
17.5°	526.8	553.9	581.5	614.3	647.1	679.9	712.7	742.8	773.0	803.2	833.3
20°	403.1	439.3	475.5	517.0	558.8	600.3	641.8	671.9	701.7	731.9	761.7
22.5°	289.6	319.0	348.4	398.6	448.3	498.5	548.3	600.7	653.5	705.9	758.3
25°	220.6	239.1	257.9	307.3	356.7	405.7	455.1	527.2	599.2	671.2	743.2
27.5°	187.4	200.2	212.7	257.2	301.7	345.8	390.3	475.9	561.5	647.1	732.7
30°	176.5	185.1	193.8	231.5	269.6	307.3	345.0	431.8	518.5	605.2	691.9
32.5°	162.9	170.1	177.6	210.8	244.0	276.8	310.0	394.8	479.6	564.1	648.9
35°	147.4	155.4	162.9	196.1	229.3	262.1	295.3	383.1	471.0	558.8	646.7
37.5°	146.3	152.7	158.7	197.2	236.0	274.5	313.0	400.8	488.7	576.2	664.0
40°	144.8	150.8	156.9	196.1	234.9	274.1	313.0	405.0	497.0	589.0	681.0
42.5°	148.6	156.5	164.8	199.5	234.2	268.5	303.2	400.1	497.0	593.5	690.4
45°	153.8	164.0	174.2	205.9	237.6	269.2	300.9	406.1	511.3	616.1	721.3
47.5°	158.7	163.7	168.6	198.7	228.5	258.7	288.5	395.9	503.4	610.9	718.3
50°	163.3	160.6	158.0	191.2	224.4	257.2	290.3	392.9	495.1	597.7	699.9
52.5°	154.2	148.9	143.3	178.7	214.2	249.2	284.7	388.0	491.3	594.6	698.0
55°	137.3	131.2	125.2	160.3	194.9	230.0	264.7	367.6	470.6	573.5	676.5
57.5°	119.9	117.6	115.0	141.8	168.6	194.9	221.7	336.0	450.6	564.9	679.1
60°	102.2	104.5	107.1	126.3	145.6	164.4	183.6	295.6	407.2	519.2	630.8
62.5°	90.5	94.6	98.4	114.6	131.2	147.4	163.7	269.2	374.8	480.4	586.0
65°	79.2	83.7	88.2	107.5	127.1	146.3	165.5	254.9	344.3	433.6	523.0
67.5°	69.0	72.4	76.2	101.4	126.7	152.0	177.2	250.4	323.2	396.3	469.1
70°	60.3	63.3	66.7	96.2	125.6	155.0	184.4	246.6	309.2	371.4	433.6
72.5°	53.2	55.8	58.4	88.2	118.0	147.8	177.6	233.0	288.1	343.5	398.6
75°	46.4	47.5	49.0	74.3	99.2	124.4	149.3	186.3	223.6	260.6	297.5
77.5°	33.6	33.6	33.9	41.5	48.6	56.2	63.3	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	53.5
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	9.0	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: P596619
 CATALOG NUMBER: MSA-SA2C-827-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: P596619

CATALOG NUMBER: MSA-SA2C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1
2.5°	875.9	872.9	869.9	866.9	885.4	904.2	922.7	941.2	993.6	1027.9	1024.1
5°	976.2	989.8	1003.4	1017.0	1038.8	1061.1	1083.0	1104.8	1182.5	1230.0	1236.8
7.5°	910.3	931.0	952.1	972.9	1015.1	1056.9	1099.2	1141.0	1204.8	1254.2	1282.1
10°	802.8	826.6	849.9	873.7	921.2	969.1	1016.6	1064.1	1135.8	1204.0	1239.1
12.5°	805.1	842.4	879.7	917.0	958.5	1000.0	1041.1	1082.6	1126.3	1149.3	1198.7
15°	867.7	897.1	926.5	955.9	1010.2	1064.5	1118.4	1172.7	1198.7	1254.2	1311.8
17.5°	890.7	948.3	1005.7	1063.0	1130.9	1198.3	1266.2	1333.7	1382.7	1459.7	1519.2
20°	848.0	934.4	1020.4	1106.7	1199.9	1293.0	1386.1	1479.3	1532.8	1606.0	1698.0
22.5°	849.9	941.6	1032.8	1124.4	1253.0	1381.2	1509.8	1638.0	1781.7	1922.7	1967.6
25°	863.1	983.0	1102.6	1222.5	1371.0	1519.6	1668.2	1816.8	1990.2	2138.4	2198.0
27.5°	867.7	1002.6	1137.3	1272.3	1483.4	1694.6	1905.7	2116.9	2323.9	2491.3	2555.1
30°	856.7	1021.9	1186.7	1351.4	1610.5	1869.5	2128.6	2387.6	2584.1	2779.0	2858.2
32.5°	859.4	1069.8	1280.2	1490.6	1795.6	2101.1	2406.1	2711.2	2836.7	3012.5	3152.0
35°	877.5	1108.2	1338.6	1569.4	1906.9	2244.4	2581.8	2919.3	3125.2	3310.7	3429.1
37.5°	919.7	1175.3	1430.6	1686.3	2101.1	2516.2	2931.0	3345.8	3664.4	3983.1	4037.4
40°	951.0	1221.0	1491.0	1760.9	2242.5	2724.0	3205.5	3687.0	4047.5	4393.3	4430.3
42.5°	986.4	1282.1	1578.1	1873.7	2412.2	2950.6	3489.1	4027.5	4445.0	4797.5	4822.0
45°	1025.3	1329.6	1633.5	1937.4	2501.5	3065.3	3629.4	4193.1	4680.6	5090.1	4997.8
47.5°	1043.7	1369.2	1694.6	2020.0	2624.8	3229.3	3834.1	4438.6	4876.0	5237.2	5129.4
50°	1058.1	1415.9	1774.1	2132.0	2766.2	3400.5	4034.7	4669.0	5107.5	5440.8	5271.9
52.5°	1098.4	1498.5	1899.0	2299.0	2973.6	3647.8	4322.4	4996.6	5420.8	5727.0	5490.2
55°	1137.6	1598.4	2059.6	2520.4	3245.9	3971.7	4697.2	5422.7	5845.1	6107.5	5785.9
57.5°	1187.0	1695.3	2203.3	2711.2	3487.2	4263.2	5038.9	5814.9	6227.8	6517.8	6183.7
60°	1174.2	1717.2	2260.6	2803.6	3593.9	4384.3	5174.6	5965.0	6455.5	6811.9	6585.3
62.5°	1124.4	1662.9	2201.0	2739.5	3515.9	4291.9	5068.3	5844.3	6432.2	6914.8	6838.6
65°	1023.8	1524.1	2024.9	2525.3	3266.6	4008.3	4749.6	5491.0	6216.5	6830.7	6857.9
67.5°	891.4	1313.7	1735.7	2158.0	2849.6	3541.1	4232.3	4923.9	5780.2	6496.6	6577.3
70°	751.1	1068.3	1385.8	1702.9	2311.5	2920.1	3528.3	4136.9	5027.2	5748.1	5900.5
72.5°	602.2	806.2	1009.8	1213.4	1652.7	2091.6	2530.9	2969.8	3753.0	4312.6	4578.5
75°	390.3	483.0	575.8	668.6	961.2	1253.4	1546.0	1838.2	2358.2	2770.4	3070.9
77.5°	173.8	192.7	211.2	230.0	455.9	681.8	907.6	1133.5	1359.4	1608.2	1678.7
80°	62.2	70.5	79.2	87.5	198.3	309.6	420.4	531.3	640.7	769.2	800.5
82.5°	26.0	26.0	25.6	25.3	64.9	104.5	144.0	183.6	212.3	244.0	250.0
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: P596619
 CATALOG NUMBER: MSA-SA2C-827-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: P596619

CATALOG NUMBER: MSA-SA2C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1
2.5°	1009.8	1009.1	1008.3	1007.5	1006.8	993.2	980.0	966.4	953.2	969.8	986.4
5°	1225.9	1245.5	1265.1	1285.1	1304.7	1310.3	1316.0	1321.7	1327.3	1339.4	1351.4
7.5°	1305.4	1338.6	1371.4	1404.6	1437.4	1468.0	1498.1	1528.7	1559.2	1551.7	1544.1
10°	1277.9	1337.9	1397.8	1458.2	1518.1	1531.3	1544.5	1558.1	1571.3	1605.6	1639.9
12.5°	1248.1	1320.1	1392.2	1464.2	1536.2	1576.2	1615.8	1655.7	1695.7	1730.4	1765.1
15°	1389.5	1435.5	1481.5	1527.9	1573.9	1609.0	1643.7	1678.7	1713.4	1737.6	1761.3
17.5°	1575.4	1598.0	1620.7	1643.7	1666.3	1693.8	1721.4	1748.9	1776.4	1790.7	1805.1
20°	1771.9	1781.7	1791.5	1801.3	1811.1	1789.2	1767.4	1745.5	1723.6	1737.2	1750.4
22.5°	1969.1	1972.5	1976.3	1979.6	1983.0	1932.1	1881.2	1830.3	1779.4	1757.9	1736.4
25°	2272.6	2247.7	2222.9	2198.0	2173.1	2112.8	2052.4	1992.1	1931.8	1878.6	1825.4
27.5°	2601.4	2517.0	2432.9	2348.4	2264.3	2204.0	2143.7	2083.3	2023.0	1943.1	1863.1
30°	2932.9	2796.8	2661.0	2524.9	2389.2	2317.5	2245.9	2173.8	2102.2	2022.3	1942.7
32.5°	3236.8	3073.2	2909.5	2745.5	2581.8	2461.2	2340.5	2219.8	2099.2	2043.4	1987.6
35°	3488.7	3295.3	3101.8	2908.0	2714.6	2595.0	2475.5	2356.0	2236.4	2153.5	2070.9
37.5°	3919.3	3701.8	3484.2	3266.6	3049.0	2885.8	2722.9	2559.6	2396.3	2340.9	2285.5
40°	4316.4	4042.3	3768.1	3494.0	3219.9	3083.0	2946.5	2809.6	2673.1	2582.2	2491.7
42.5°	4632.0	4343.2	4054.7	3765.9	3477.0	3341.6	3206.7	3071.3	2935.9	2875.2	2814.9
45°	4700.3	4428.0	4156.1	3883.9	3611.6	3532.8	3454.4	3375.6	3297.2	3255.3	3213.8
47.5°	4834.9	4539.6	4244.7	3949.5	3654.2	3618.8	3583.4	3547.5	3512.1	3532.1	3552.1
50°	4910.3	4609.0	4307.7	4006.4	3705.1	3715.3	3725.1	3735.3	3745.5	3887.3	4028.7
52.5°	5056.6	4752.3	4448.0	4143.7	3839.4	3903.5	3967.2	4031.3	4095.0	4290.4	4485.3
55°	5317.9	5018.9	4719.9	4420.5	4121.4	4205.9	4290.4	4375.2	4459.7	4667.1	4874.1
57.5°	5705.2	5408.4	5112.0	4815.3	4518.9	4603.0	4687.1	4771.1	4855.2	5042.6	5229.7
60°	6192.7	5888.0	5583.7	5279.1	4974.8	5006.4	5037.7	5069.4	5101.1	5302.4	5503.4
62.5°	6572.4	6292.3	6012.5	5732.3	5452.5	5417.4	5382.8	5347.7	5313.0	5466.1	5618.8
65°	6660.7	6463.5	6266.6	6069.4	5872.2	5764.4	5656.9	5549.0	5441.2	5503.0	5564.9
67.5°	6408.0	6274.9	6142.2	6009.1	5876.0	5650.9	5425.7	5200.3	4975.1	4942.3	4909.5
70°	5821.7	5748.9	5676.5	5603.7	5531.3	5184.4	4837.9	4491.0	4144.4	4061.1	3977.8
72.5°	4593.9	4639.2	4684.4	4730.0	4775.3	4403.9	4032.8	3661.4	3290.0	3184.4	3079.2
75°	3239.5	3392.9	3546.4	3699.9	3853.3	3514.7	3176.5	2837.9	2499.3	2397.8	2296.8
77.5°	1756.4	2044.1	2331.8	2619.5	2907.3	2627.8	2348.8	2069.4	1790.0	1719.5	1649.3
80°	832.6	998.5	1164.0	1329.9	1495.9	1432.9	1369.9	1306.6	1243.6	1259.1	1274.5
82.5°	255.3	375.2	495.1	615.0	734.9	744.3	753.4	762.8	772.3	795.6	818.6
85°	85.6	117.3	148.9	180.6	212.3	268.1	323.9	380.1	435.9	399.7	363.9
87.5°	0.0	1.1	1.9	3.0	3.8	11.7	19.6	27.5	35.4	30.5	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: P596619
 CATALOG NUMBER: MSA-SA2C-827-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: P596619

CATALOG NUMBER: MSA-SA2C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1
2.5°	1003.4	1020.0	1020.4	1021.1	1021.5	1021.9	1023.8	1025.6	1027.9	1029.8	1017.4
5°	1363.9	1376.0	1353.7	1331.5	1308.8	1286.6	1306.6	1326.6	1346.5	1366.5	1357.9
7.5°	1536.2	1528.7	1526.0	1523.8	1521.1	1518.9	1526.4	1533.9	1541.5	1549.0	1548.3
10°	1674.2	1708.5	1716.8	1725.1	1733.8	1742.1	1724.7	1707.4	1690.1	1672.7	1665.5
12.5°	1799.8	1834.5	1862.0	1889.5	1917.4	1945.0	1920.1	1895.6	1870.7	1846.2	1822.8
15°	1785.5	1809.2	1831.8	1854.5	1877.1	1899.7	1891.4	1883.5	1875.2	1866.9	1863.1
17.5°	1819.8	1834.1	1828.8	1823.5	1817.9	1812.6	1810.0	1807.7	1805.1	1802.4	1793.4
20°	1764.0	1777.5	1774.1	1771.1	1767.7	1764.3	1762.1	1759.8	1757.6	1755.3	1748.1
22.5°	1714.9	1693.4	1687.8	1682.5	1676.9	1671.6	1672.3	1673.1	1673.5	1674.2	1706.6
25°	1772.3	1719.1	1698.3	1677.6	1656.5	1635.8	1645.2	1654.2	1663.7	1673.1	1719.8
27.5°	1782.8	1702.9	1669.7	1636.5	1603.3	1570.1	1604.1	1638.0	1672.0	1705.9	1781.7
30°	1862.8	1783.2	1736.8	1690.8	1644.4	1598.4	1641.8	1685.2	1728.5	1771.9	1854.1
32.5°	1931.4	1875.6	1842.4	1809.2	1776.0	1742.8	1744.7	1746.2	1748.1	1750.0	1865.8
35°	1987.9	1905.4	1875.2	1845.4	1815.2	1785.5	1830.3	1875.2	1920.1	1964.9	2069.0
37.5°	2230.0	2174.6	2119.2	2064.1	2008.7	1953.6	1989.5	2025.3	2061.5	2097.3	2212.3
40°	2400.8	2310.3	2296.0	2282.1	2267.7	2253.8	2272.3	2290.4	2308.8	2327.3	2428.0
42.5°	2754.2	2693.5	2654.6	2616.2	2577.3	2538.9	2553.6	2568.3	2583.3	2598.1	2693.5
45°	3172.0	3130.1	3104.5	3078.8	3052.8	3027.2	3004.9	2983.0	2960.8	2938.9	3035.8
47.5°	3572.0	3592.0	3648.6	3704.8	3761.3	3817.5	3771.5	3725.5	3679.1	3633.1	3633.5
50°	4170.5	4311.9	4340.5	4368.8	4397.5	4425.7	4327.7	4229.7	4131.2	4033.2	4021.5
52.5°	4680.6	4875.6	4885.8	4896.0	4906.5	4916.7	4877.1	4837.5	4797.5	4757.9	4652.7
55°	5081.5	5288.5	5302.4	5316.0	5330.0	5343.5	5308.9	5274.5	5239.8	5205.2	5098.8
57.5°	5417.1	5604.1	5612.4	5620.3	5628.6	5636.9	5639.5	5642.2	5645.2	5647.8	5504.2
60°	5704.8	5906.1	5889.5	5873.3	5856.7	5840.5	5815.6	5790.8	5765.9	5741.0	5648.2
62.5°	5771.9	5925.0	5899.4	5874.1	5848.4	5823.2	5802.1	5781.3	5760.2	5739.1	5679.9
65°	5626.7	5688.6	5662.2	5635.8	5609.0	5582.6	5569.0	5555.8	5542.3	5528.7	5521.1
67.5°	4876.3	4843.5	4874.8	4906.1	4937.4	4968.7	5011.3	5053.9	5096.9	5139.5	5114.7
70°	3894.1	3810.7	3845.4	3879.7	3914.4	3948.7	4013.2	4077.7	4142.6	4207.0	4189.7
72.5°	2973.6	2868.0	2872.9	2877.8	2883.1	2888.0	2886.1	2884.6	2882.7	2880.9	2911.0
75°	2195.3	2093.9	2046.0	1998.1	1950.2	1902.3	1890.7	1879.0	1867.3	1855.6	1911.8
77.5°	1578.8	1508.7	1475.9	1443.4	1410.6	1378.2	1394.8	1411.4	1428.4	1445.0	1464.6
80°	1290.4	1305.8	1280.5	1255.7	1230.4	1205.1	1224.0	1242.5	1261.3	1280.2	1221.7
82.5°	842.0	865.0	787.3	709.7	632.0	554.3	601.4	648.6	696.1	743.2	719.1
85°	327.7	291.9	248.9	206.3	163.3	120.3	156.5	192.7	228.9	265.1	289.2
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: P596619
 CATALOG NUMBER: MSA-SA2C-827-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: P596619

CATALOG NUMBER: MSA-SA2C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1	797.1
2.5°	1005.3	992.8	980.8	957.0	933.3	909.5	885.8	918.9	952.1	985.3	1018.5
5°	1349.6	1340.9	1332.6	1334.8	1337.1	1339.8	1342.0	1346.9	1351.8	1356.3	1361.2
7.5°	1547.9	1547.1	1546.4	1529.0	1511.7	1494.0	1476.6	1485.3	1494.0	1502.6	1511.3
10°	1658.8	1651.6	1644.4	1606.3	1568.3	1529.8	1491.7	1475.1	1458.2	1441.6	1425.0
12.5°	1799.4	1775.7	1752.3	1711.5	1671.2	1630.5	1589.8	1574.7	1559.2	1544.1	1528.7
15°	1859.7	1856.0	1852.6	1823.5	1794.1	1765.1	1735.7	1684.0	1632.0	1580.3	1528.7
17.5°	1784.3	1774.9	1765.8	1811.8	1857.5	1903.5	1949.5	1895.9	1842.4	1788.8	1735.3
20°	1741.0	1733.8	1726.6	1812.2	1897.4	1983.0	2068.3	2044.5	2020.4	1996.6	1972.9
22.5°	1739.1	1771.9	1804.3	1879.3	1954.0	2029.0	2103.7	2144.8	2186.3	2227.4	2268.5
25°	1766.6	1813.7	1860.5	1984.9	2109.4	2234.2	2358.6	2405.7	2452.5	2499.6	2546.4
27.5°	1857.1	1932.9	2008.3	2116.9	2225.5	2334.5	2443.1	2546.0	2649.3	2752.3	2855.2
30°	1935.9	2018.1	2100.3	2229.6	2358.6	2487.9	2616.9	2745.9	2874.8	3003.8	3132.7
32.5°	1981.5	2097.7	2213.4	2370.7	2527.5	2684.8	2842.0	2983.4	3124.8	3265.9	3407.3
35°	2173.1	2277.5	2381.6	2555.4	2729.3	2903.5	3077.3	3252.3	3427.2	3601.8	3776.8
37.5°	2327.3	2442.7	2557.7	2747.8	2937.4	3127.5	3317.5	3559.2	3801.3	4043.0	4284.7
40°	2528.7	2629.4	2730.0	2908.0	3085.6	3263.6	3441.6	3748.1	4054.7	4360.9	4667.4
42.5°	2788.5	2883.9	2979.3	3169.7	3360.1	3550.5	3741.0	4080.3	4419.7	4758.7	5098.1
45°	3132.7	3230.0	3326.9	3478.5	3630.1	3781.7	3933.3	4294.1	4654.6	5015.5	5376.0
47.5°	3633.9	3634.3	3634.6	3744.0	3853.3	3963.1	4072.4	4435.9	4799.0	5162.5	5525.7
50°	4009.8	3997.8	3986.1	4042.6	4098.8	4155.4	4211.9	4546.4	4881.2	5215.7	5550.2
52.5°	4547.9	4442.7	4337.9	4371.4	4404.6	4438.2	4471.4	4754.6	5038.1	5321.3	5604.5
55°	4992.9	4886.5	4780.2	4767.7	4755.3	4742.9	4730.4	4991.0	5251.5	5512.1	5772.7
57.5°	5360.9	5217.2	5073.9	5045.3	5017.0	4988.3	4959.7	5234.6	5509.1	5784.0	6058.5
60°	5555.8	5463.1	5370.3	5351.8	5333.0	5314.5	5295.7	5521.1	5746.6	5972.1	6197.6
62.5°	5621.1	5561.9	5503.0	5537.7	5572.4	5607.5	5642.2	5741.4	5840.2	5939.3	6038.1
65°	5514.0	5506.4	5498.9	5570.2	5641.1	5712.3	5783.6	5759.1	5734.2	5709.7	5685.2
67.5°	5090.1	5065.3	5040.8	5197.2	5353.3	5509.8	5666.3	5547.5	5428.4	5309.6	5190.8
70°	4172.3	4154.6	4137.3	4362.8	4588.3	4814.1	5039.6	4895.6	4751.5	4607.5	4463.4
72.5°	2940.8	2971.0	3001.1	3267.0	3532.4	3798.3	4063.7	3918.6	3773.4	3628.2	3483.1
75°	1967.6	2023.8	2080.0	2353.7	2627.5	2901.6	3175.4	3004.9	2834.5	2664.0	2493.6
77.5°	1484.2	1503.8	1523.4	1696.5	1869.5	2043.0	2216.1	2075.4	1934.4	1793.8	1652.7
80°	1163.3	1104.5	1046.0	1102.9	1159.9	1216.8	1273.8	1189.7	1105.6	1021.9	937.8
82.5°	695.0	670.8	646.7	677.6	708.1	739.1	770.0	733.8	697.2	661.0	624.4
85°	313.0	337.1	360.9	392.2	423.1	454.4	485.7	435.1	384.6	334.1	283.6
87.5°	35.1	45.2	55.4	68.6	81.8	95.0	108.2	84.5	60.3	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°	797.1	797.1
2.5°	1037.7	1056.9
5°	1360.9	1360.1
7.5°	1488.7	1465.7
10°	1403.9	1382.7
12.5°	1474.7	1420.8
15°	1487.9	1447.2
17.5°	1668.9	1602.2
20°	1887.3	1801.3
22.5°	2150.8	2032.8
25°	2406.1	2265.8
27.5°	2771.1	2686.7
30°	3047.5	2961.9
32.5°	3349.2	3291.1
35°	3719.1	3661.0
37.5°	4299.8	4314.5
40°	4676.5	4685.5
42.5°	5133.1	5168.2
45°	5415.2	5454.4
47.5°	5580.3	5635.0
50°	5638.4	5726.7
52.5°	5713.5	5822.1
55°	5893.7	6014.7
57.5°	6155.0	6251.5
60°	6202.1	6206.7
62.5°	5968.4	5898.6
65°	5610.9	5536.6
67.5°	5146.0	5100.7
70°	4403.9	4344.3
72.5°	3372.2	3261.3
75°	2356.3	2219.1
77.5°	1580.7	1508.7
80°	940.1	941.9
82.5°	641.8	658.8
85°	280.2	276.4
87.5°	9.0	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: P596619
CATALOG NUMBER: MSA-SA2C-827-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)