

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: P596531

Luminaire Tested: **MSA-SA1C-827-U-SLR-HSS**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P596531  
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-SA1C-827-U-SLR-HSS  
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

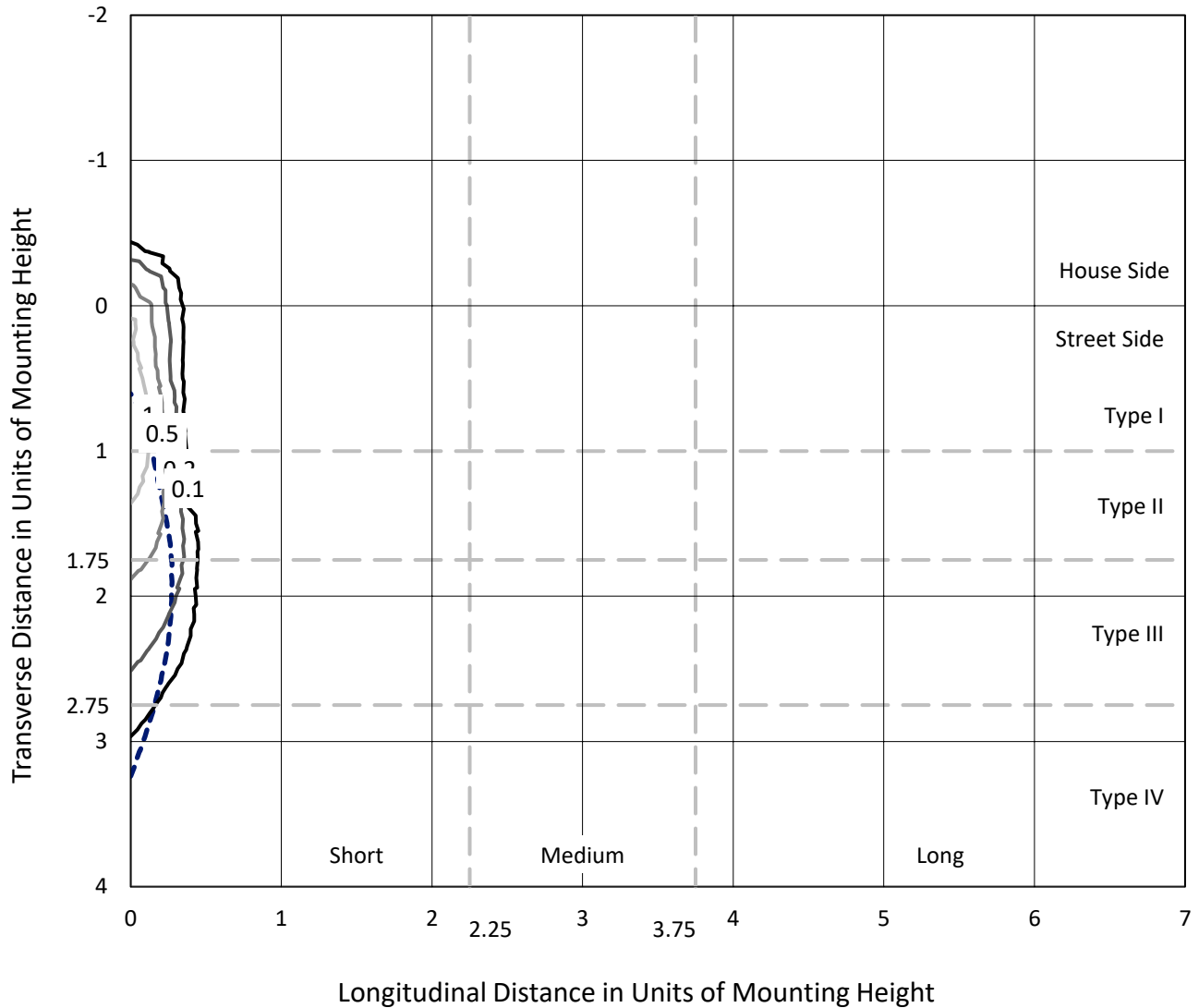
Lumens per Lamp: N/A  
Luminaire Lumens: 3363 lumens  
Efficiency: N/A  
Efficacy: 57.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G1  
  
Input Watts (W): 59  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

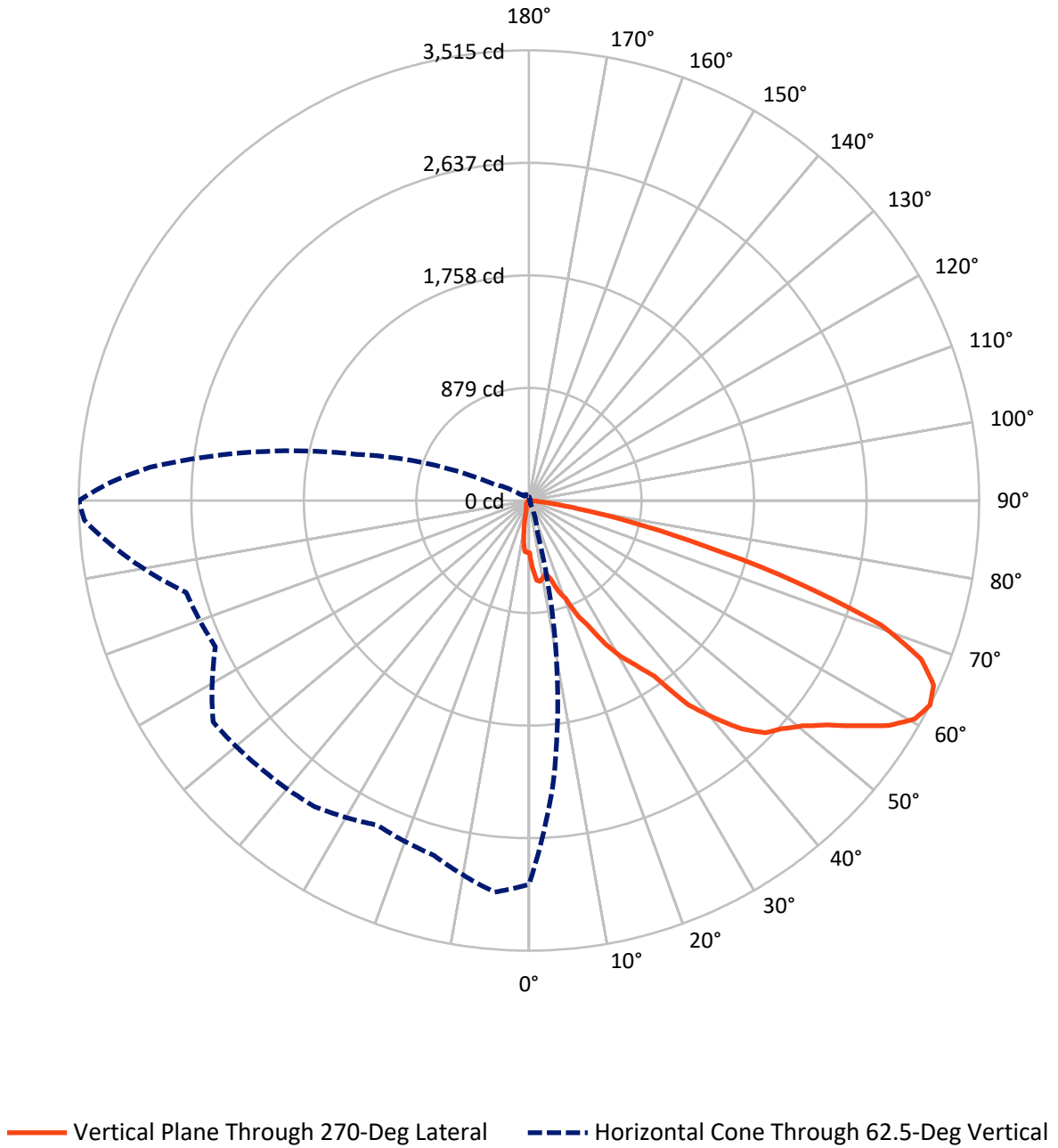
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.7 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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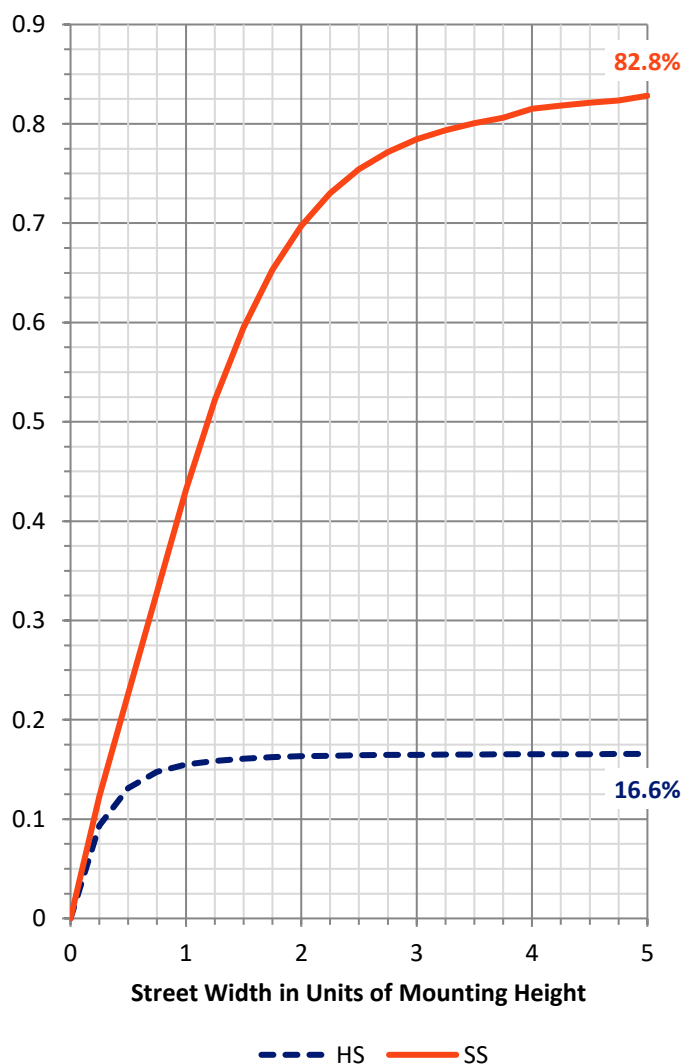
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	561.6	0.0	561.6
	% Fixture	16.7	0.0	16.7
<b>Street Side</b>	Lumens	2801.4	0.0	2801.4
	% Fixture	83.3	0.0	83.3
<b>Total</b>	Lumens	3363.0	0.0	3363.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	45.3	1.3
10°-20°	118.3	3.5
20°-30°	191.2	5.7
30°-40°	320.2	9.5
40°-50°	523.4	15.6
50°-60°	774.9	23.0
60°-70°	889.6	26.5
70°-80°	439.8	13.1
80°-90°	60.4	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°	3363.0	100.0
0°-180°	3363.0	100.0

**Coefficient of Utilization**

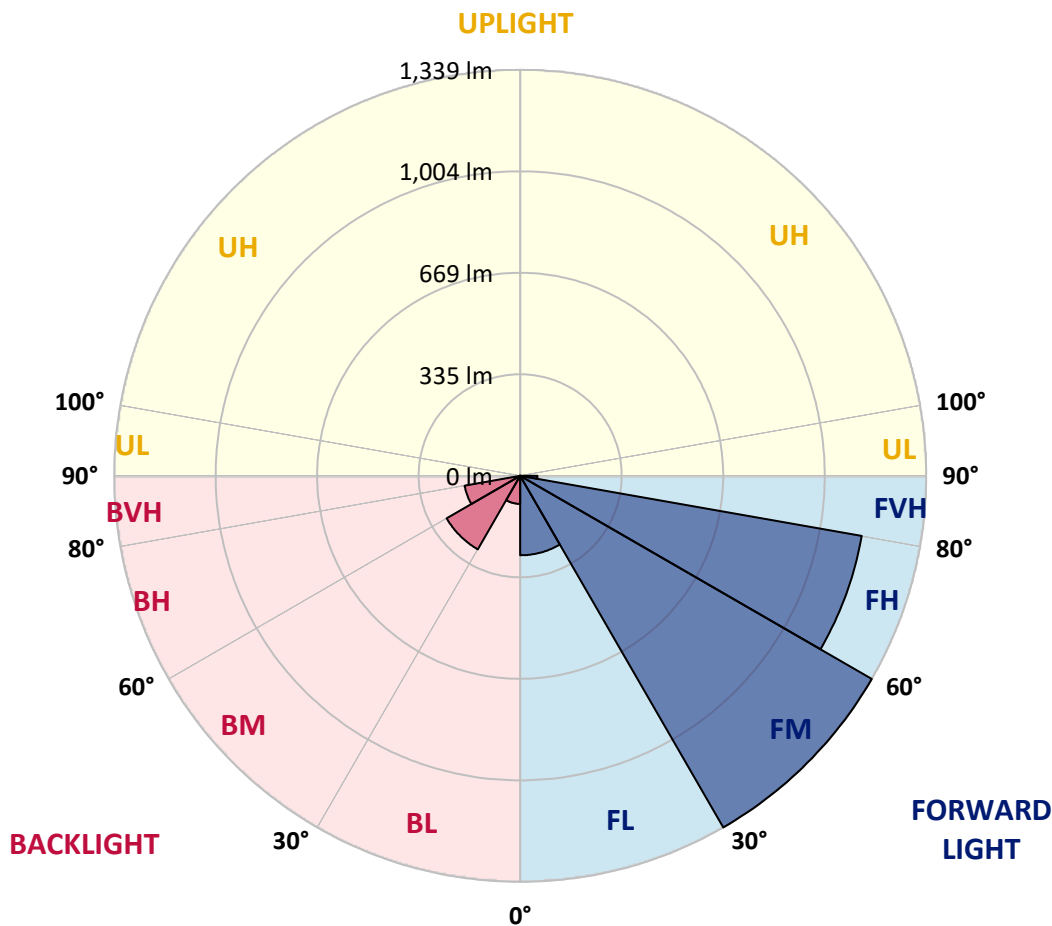


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	262.0	7.8			
FM (30°-60°)	1338.6	39.8			
FH (60°-80°)	1143.6	34.0			G1/1800
FVH (80°-90°)	57.2	1.7			G1/100
BL (0°-30°)	92.7	2.8	B0/110		
BM (30°-60°)	279.8	8.3	B1/1000		
BH (60°-80°)	185.8	5.5	B1/500		G1/500
BVH (80°-90°)	3.2	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**  
 Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3
2.5°	537.3	544.0	550.6	538.1	525.6	513.2	500.7	489.6	478.5	467.2	456.1
5°	691.5	679.2	666.9	650.1	633.2	616.3	599.5	591.6	583.7	575.9	568.0
7.5°	745.1	723.3	701.2	686.3	671.5	656.6	641.6	618.0	594.3	570.7	546.9
10°	703.0	679.8	656.4	643.4	630.3	617.3	604.2	574.9	545.4	516.1	486.5
12.5°	722.3	697.2	672.1	645.3	618.4	591.6	564.8	542.3	519.7	497.3	474.7
15°	735.8	707.0	678.0	647.4	616.7	586.0	555.4	528.9	502.6	476.2	449.7
17.5°	814.5	773.3	732.1	684.9	637.8	590.6	543.5	512.8	482.3	451.6	421.0
20°	915.8	857.3	798.6	734.8	671.0	607.1	543.3	505.1	467.0	428.8	390.7
22.5°	1033.5	960.4	887.2	808.4	729.8	651.0	572.2	517.4	462.6	407.7	352.9
25°	1151.9	1086.0	1020.0	914.0	808.0	701.8	595.8	526.2	456.4	386.9	317.1
27.5°	1365.9	1248.0	1130.1	995.1	860.4	725.4	590.4	510.7	430.9	351.0	271.3
30°	1505.8	1415.1	1324.3	1146.0	967.9	789.6	611.3	510.3	409.3	308.1	207.0
32.5°	1673.2	1540.5	1407.7	1214.2	1020.8	827.4	634.0	515.3	396.4	277.8	158.9
35°	1861.2	1716.9	1572.5	1327.5	1082.5	837.4	592.4	477.3	362.3	247.3	132.3
37.5°	2193.5	1951.9	1710.4	1424.7	1138.9	853.3	567.4	452.6	337.6	222.8	107.7
40°	2382.1	2151.5	1920.9	1563.9	1207.0	850.0	493.1	391.1	289.3	187.3	85.3
42.5°	2627.5	2334.9	2042.2	1643.3	1244.3	845.4	446.5	352.2	257.8	163.3	69.0
45°	2773.0	2441.5	2110.1	1677.8	1245.5	813.2	380.9	299.2	217.6	135.9	54.3
47.5°	2864.8	2532.4	2200.0	1735.9	1271.9	807.8	343.7	268.6	193.4	118.3	43.1
50°	2911.4	2578.0	2244.4	1767.5	1290.5	813.4	336.4	261.7	186.7	112.0	37.0
52.5°	2959.9	2638.4	2316.7	1822.3	1327.9	833.5	339.1	262.8	186.7	110.4	34.1
55°	3057.8	2740.8	2423.5	1900.9	1378.3	855.8	333.2	258.0	182.9	107.5	32.4
57.5°	3178.2	2839.3	2500.2	1958.4	1416.7	874.9	333.2	257.6	182.1	106.4	30.9
60°	3155.4	2787.5	2419.5	1893.8	1368.2	842.3	316.7	244.8	173.1	101.2	29.3
62.5°	2998.8	2599.5	2200.0	1714.2	1228.2	742.5	256.5	199.2	141.9	84.3	27.0
65°	2814.8	2390.9	1966.9	1519.8	1072.6	625.5	178.3	139.9	101.4	63.1	24.5
67.5°	2593.1	2141.1	1689.1	1291.5	894.1	496.5	98.9	79.7	60.6	41.2	22.0
70°	2208.6	1742.0	1275.2	969.6	664.2	358.7	53.1	44.9	36.6	28.4	20.1
72.5°	1658.0	1230.5	803.0	610.0	417.1	224.1	31.1	28.0	24.7	21.7	18.4
75°	1128.2	807.8	487.5	371.1	255.0	138.6	22.2	20.7	19.0	17.4	15.7
77.5°	767.0	554.8	342.6	261.5	180.4	99.3	18.2	17.3	16.3	15.1	14.2
80°	478.9	327.8	176.7	136.1	95.3	54.6	13.8	13.2	12.7	11.9	11.3
82.5°	334.9	200.3	65.8	51.4	37.0	22.4	8.1	8.2	8.4	8.4	8.6
85°	140.5	75.9	11.3	9.6	7.9	6.1	4.4	4.8	5.4	5.8	6.1
87.5°	2.5	1.3	0.0	0.4	1.0	1.3	1.7	2.3	2.7	3.3	3.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	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°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3
2.5°	458.9	461.8	464.5	467.4	465.1	463.0	460.7	458.4	454.9	451.6	448.2
5°	558.4	548.8	539.3	529.7	515.1	500.5	485.8	471.2	469.5	467.8	465.8
7.5°	524.5	502.1	479.4	457.0	435.9	414.8	393.8	372.7	366.2	359.8	353.3
10°	469.3	452.0	434.6	417.3	402.2	386.9	371.7	356.4	340.5	324.6	308.4
12.5°	456.6	438.6	420.4	402.4	388.6	374.8	361.0	347.2	329.3	311.5	293.7
15°	430.2	410.6	391.1	371.5	353.1	334.7	316.1	297.7	276.2	254.8	233.3
17.5°	397.8	374.8	351.6	328.4	304.2	280.1	255.9	231.8	207.0	182.5	157.8
20°	359.2	327.8	296.2	264.7	234.8	204.9	174.8	144.9	129.4	114.1	98.5
22.5°	312.3	271.4	230.8	190.0	165.4	140.7	116.2	91.4	84.7	78.0	71.3
25°	270.9	224.7	178.5	132.3	116.7	101.2	85.7	70.2	67.1	63.8	60.8
27.5°	227.7	184.4	140.9	97.4	88.6	79.6	70.7	61.7	59.6	57.7	55.6
30°	174.6	142.2	109.7	77.3	71.5	65.8	59.8	54.1	53.1	52.0	51.0
32.5°	135.3	111.6	88.0	64.2	61.0	57.7	54.4	51.2	49.7	48.1	46.4
35°	113.1	94.1	75.0	55.8	53.5	51.0	48.7	46.2	44.7	42.9	41.4
37.5°	93.7	79.9	65.9	52.0	49.5	47.0	44.3	41.8	40.6	39.5	38.3
40°	77.3	69.2	61.2	53.1	49.5	45.8	42.2	38.5	37.6	36.6	35.7
42.5°	63.8	58.7	53.3	48.1	45.4	42.9	40.3	37.6	36.2	34.7	33.4
45°	51.6	48.7	46.0	43.1	43.3	43.5	43.5	43.7	40.3	36.6	33.2
47.5°	41.8	40.4	38.9	37.6	39.1	40.6	42.0	43.5	39.9	36.2	32.4
50°	35.8	34.9	33.7	32.6	34.1	35.8	37.4	38.9	37.4	36.0	34.5
52.5°	32.8	31.4	30.1	28.8	29.3	30.1	30.7	31.2	31.2	31.2	31.2
55°	30.9	29.5	28.0	26.5	25.9	25.1	24.5	23.8	22.8	22.0	21.1
57.5°	29.3	27.8	26.1	24.5	23.6	22.4	21.5	20.3	19.4	18.2	17.3
60°	27.8	26.3	24.5	23.0	22.0	21.1	19.9	19.0	17.8	16.9	15.7
62.5°	25.7	24.3	23.0	21.7	20.7	19.9	19.0	18.0	16.9	15.7	14.4
65°	23.4	22.4	21.3	20.1	19.2	18.2	17.3	16.3	15.1	14.2	13.0
67.5°	21.3	20.3	19.6	18.6	17.4	16.5	15.3	14.2	13.4	12.7	11.7
70°	19.6	18.8	18.2	17.4	16.3	15.3	14.2	13.0	12.5	11.7	11.1
72.5°	17.8	17.3	16.5	15.9	15.0	14.0	13.0	12.1	11.5	10.9	10.4
75°	15.3	15.0	14.6	14.2	13.2	12.3	11.1	10.2	10.0	9.8	9.6
77.5°	13.8	13.6	13.2	12.8	11.9	10.9	10.0	9.0	9.2	9.4	9.4
80°	11.3	11.3	11.1	11.1	10.4	9.6	8.6	7.9	8.2	8.8	9.2
82.5°	8.6	8.6	8.6	8.6	7.9	7.1	6.3	5.6	6.1	6.5	7.1
85°	5.9	5.8	5.6	5.4	4.8	4.4	3.8	3.3	4.0	4.6	5.4
87.5°	3.6	3.8	3.8	3.8	3.5	2.9	2.5	1.9	2.3	2.5	2.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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: P596531  
 CATALOG NUMBER: MSA-SA1C-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3
2.5°	444.7	439.0	433.2	427.3	421.6	408.1	394.7	381.3	367.9	377.8	387.6
5°	464.1	453.0	441.7	430.6	419.3	414.3	409.5	404.5	399.5	400.3	401.2
7.5°	346.8	339.5	332.2	324.7	317.5	315.9	314.6	313.0	311.5	314.8	317.8
10°	292.5	282.4	272.0	261.9	251.5	246.0	240.4	234.8	229.3	228.7	227.9
12.5°	275.9	260.3	245.0	229.5	213.9	201.9	189.8	177.7	165.6	166.6	167.5
15°	211.8	196.3	181.0	165.4	149.9	140.1	130.2	120.4	110.4	107.5	104.7
17.5°	133.0	121.5	110.0	98.3	86.8	83.6	80.5	77.3	74.0	73.0	72.1
20°	83.0	78.0	73.0	67.9	62.9	62.1	61.3	60.6	59.8	60.4	61.0
22.5°	64.6	62.5	60.2	58.1	55.8	55.0	54.3	53.5	52.7	53.3	53.7
25°	57.5	56.0	54.4	52.9	51.4	50.6	49.7	48.9	47.9	48.3	48.9
27.5°	53.5	52.1	50.8	49.5	48.1	46.8	45.6	44.3	42.9	43.7	44.3
30°	49.8	48.3	47.0	45.4	43.9	42.6	41.2	39.7	38.3	39.1	39.9
32.5°	44.9	43.5	42.0	40.6	39.1	38.3	37.6	36.6	35.8	36.4	36.8
35°	39.7	38.5	37.6	36.4	35.3	34.5	33.9	33.2	32.4	32.6	33.0
37.5°	37.2	35.8	34.5	33.2	31.8	31.4	31.1	30.5	30.1	30.1	30.1
40°	34.7	33.4	32.0	30.5	29.1	28.6	28.0	27.4	26.8	26.8	26.8
42.5°	31.8	30.5	29.1	27.8	26.5	25.9	25.1	24.5	23.8	23.8	23.8
45°	29.5	28.2	27.0	25.7	24.3	23.4	22.4	21.3	20.3	20.1	19.9
47.5°	28.8	26.8	24.9	23.0	21.1	20.1	19.2	18.0	17.1	16.9	16.7
50°	33.0	29.1	25.3	21.5	17.6	16.9	16.1	15.3	14.6	14.2	14.0
52.5°	31.2	27.2	23.2	19.2	15.1	14.6	14.0	13.4	12.8	12.5	12.1
55°	20.1	18.4	16.9	15.1	13.4	13.0	12.7	12.1	11.7	11.3	10.9
57.5°	16.1	15.1	14.4	13.4	12.5	12.1	11.7	11.1	10.7	10.2	9.8
60°	14.6	13.8	13.0	12.3	11.5	11.1	10.7	10.4	10.0	9.4	9.0
62.5°	13.2	12.7	12.1	11.5	10.9	10.5	10.2	9.8	9.4	8.8	8.2
65°	11.9	11.5	11.1	10.7	10.4	10.0	9.6	9.0	8.6	8.1	7.5
67.5°	10.9	10.7	10.5	10.4	10.2	9.8	9.2	8.8	8.2	7.7	6.9
70°	10.4	10.4	10.4	10.2	10.2	9.8	9.2	8.8	8.2	7.5	6.9
72.5°	9.8	10.0	10.2	10.2	10.4	9.8	9.2	8.6	8.1	7.3	6.7
75°	9.4	9.6	9.8	9.8	10.0	9.6	9.2	8.6	8.2	7.5	6.7
77.5°	9.6	9.8	9.8	10.0	10.0	9.6	9.2	8.6	8.2	7.3	6.3
80°	9.6	9.4	9.2	8.8	8.6	7.9	7.1	6.1	5.4	4.2	3.3
82.5°	7.5	7.1	6.9	6.5	6.1	5.4	4.6	3.8	3.1	2.3	1.5
85°	5.9	5.6	5.4	5.0	4.6	4.0	3.3	2.7	1.9	1.5	1.0
87.5°	3.1	2.9	2.5	2.3	1.9	1.5	1.0	0.6	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: P596531  
 CATALOG NUMBER: MSA-SA1C-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: P596531  
 CATALOG NUMBER: MSA-SA1C-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°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3
2.5°	397.6	407.4	406.0	404.7	411.0	417.3	412.7	408.3	403.7	399.1	389.5
5°	402.0	402.8	401.4	399.9	400.1	400.3	397.2	394.1	391.1	388.0	387.4
7.5°	321.1	324.2	328.4	332.4	332.6	332.6	330.3	328.0	325.5	323.2	324.4
10°	227.4	226.6	227.7	228.9	228.7	228.3	234.5	240.6	246.5	252.7	248.3
12.5°	168.3	169.3	164.5	159.7	161.4	162.9	163.9	164.9	165.8	166.8	169.5
15°	101.8	98.9	95.5	92.0	93.7	95.3	97.0	98.5	100.3	101.8	103.5
17.5°	70.9	70.0	68.4	66.7	66.9	67.1	67.3	67.5	67.5	67.7	68.1
20°	61.5	62.1	61.0	59.6	59.2	58.7	58.3	57.9	57.3	56.9	56.4
22.5°	54.3	54.6	54.8	54.8	54.1	53.1	52.3	51.8	51.0	50.2	49.8
25°	49.3	49.7	49.3	48.7	48.3	47.9	47.5	47.0	46.6	46.0	45.8
27.5°	45.0	45.6	45.6	45.4	45.0	44.5	43.5	42.7	41.8	40.8	41.0
30°	40.6	41.4	41.4	41.2	41.0	40.8	39.9	38.9	38.0	37.0	37.4
32.5°	37.4	37.8	37.6	37.4	37.4	37.2	36.4	35.8	35.1	34.3	34.3
35°	33.2	33.4	33.4	33.4	33.4	33.2	32.6	32.0	31.4	30.9	31.1
37.5°	30.1	30.1	30.7	31.1	30.7	30.3	29.9	29.3	28.9	28.4	28.4
40°	26.6	26.6	27.2	27.6	27.2	26.8	26.6	26.3	26.1	25.7	25.7
42.5°	23.6	23.6	24.2	24.5	24.5	24.3	24.0	23.6	23.2	22.8	23.0
45°	19.7	19.6	20.5	21.3	20.9	20.5	20.5	20.3	20.3	20.1	20.3
47.5°	16.3	16.1	16.9	17.6	17.4	17.1	17.1	17.1	17.1	17.1	17.3
50°	13.6	13.2	14.0	14.6	14.4	14.0	14.0	14.2	14.2	14.2	14.4
52.5°	11.7	11.3	11.9	12.3	12.1	11.9	11.9	12.1	12.1	12.1	12.3
55°	10.4	10.0	10.5	10.9	10.7	10.4	10.5	10.5	10.7	10.7	10.7
57.5°	9.2	8.6	9.0	9.4	9.4	9.2	9.4	9.4	9.6	9.6	9.6
60°	8.4	7.9	8.2	8.4	8.4	8.2	8.4	8.4	8.6	8.6	8.6
62.5°	7.5	6.9	7.3	7.5	7.5	7.3	7.5	7.5	7.7	7.7	7.7
65°	6.7	6.1	6.3	6.5	6.5	6.5	6.7	6.7	6.9	6.9	6.9
67.5°	6.3	5.6	5.8	5.9	5.9	5.9	6.1	6.1	6.3	6.3	6.5
70°	6.1	5.4	5.6	5.6	5.8	5.8	5.8	5.9	5.9	5.9	5.9
72.5°	5.9	5.2	5.2	5.2	5.4	5.4	5.4	5.6	5.6	5.6	5.6
75°	5.9	5.2	5.0	4.8	5.0	5.0	5.0	5.2	5.2	5.2	5.2
77.5°	5.2	4.2	3.8	3.3	3.8	4.2	4.4	4.4	4.6	4.6	4.6
80°	2.1	1.0	0.6	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3
82.5°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.6	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: P596531  
 CATALOG NUMBER: MSA-SA1C-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: P596531  
 CATALOG NUMBER: MSA-SA1C-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3
2.5°	380.0	370.4	360.8	365.4	370.0	374.6	379.2	378.8	378.2	377.8	377.3
5°	387.0	386.5	385.9	383.2	380.7	378.0	375.4	374.8	374.0	373.4	372.7
7.5°	325.5	326.5	327.6	324.6	321.5	318.4	315.3	307.5	299.6	291.6	283.7
10°	243.8	239.2	234.8	234.5	234.1	233.7	233.3	232.5	231.8	230.8	230.0
12.5°	172.3	175.0	177.7	176.7	175.8	174.6	173.7	175.0	176.6	177.9	179.2
15°	105.1	106.8	108.3	111.8	115.2	118.7	122.1	123.5	125.0	126.3	127.7
17.5°	68.4	68.6	69.0	72.8	76.5	80.3	84.0	86.5	88.9	91.2	93.7
20°	55.8	55.2	54.6	56.7	58.9	61.0	63.1	65.4	67.7	70.0	72.3
22.5°	49.7	49.3	48.9	49.7	50.4	51.0	51.8	53.5	55.4	57.1	58.9
25°	45.6	45.2	45.0	45.4	45.8	46.2	46.6	47.5	48.5	49.5	50.4
27.5°	41.0	41.2	41.2	41.6	41.8	42.2	42.4	42.7	43.3	43.7	44.1
30°	37.6	38.0	38.1	38.5	38.7	39.1	39.3	39.1	38.9	38.7	38.5
32.5°	34.3	34.1	34.1	34.5	34.7	35.1	35.3	35.7	36.0	36.2	36.6
35°	31.1	31.2	31.2	31.2	31.4	31.4	31.4	31.8	32.4	32.8	33.2
37.5°	28.2	28.2	28.0	28.6	28.9	29.5	29.9	30.3	30.9	31.2	31.6
40°	25.7	25.7	25.7	26.1	26.5	26.6	27.0	28.0	28.9	29.9	30.9
42.5°	23.0	23.2	23.2	23.6	24.0	24.2	24.5	25.3	25.9	26.6	27.2
45°	20.5	20.7	20.9	21.3	21.5	21.9	22.0	22.4	22.6	23.0	23.2
47.5°	17.6	17.8	18.0	18.4	18.6	19.0	19.2	19.0	19.0	18.8	18.6
50°	14.8	15.0	15.1	15.7	16.1	16.7	17.1	16.7	16.3	15.7	15.3
52.5°	12.5	12.5	12.7	13.0	13.4	13.6	14.0	13.8	13.6	13.4	13.2
55°	10.7	10.7	10.7	10.9	11.1	11.3	11.5	11.7	11.7	11.9	11.9
57.5°	9.6	9.4	9.4	9.6	9.8	9.8	10.0	10.2	10.2	10.4	10.4
60°	8.6	8.4	8.4	8.6	8.8	9.0	9.2	9.2	9.2	9.0	9.0
62.5°	7.7	7.7	7.7	7.9	7.9	8.1	8.1	8.1	8.2	8.2	8.2
65°	7.1	7.1	7.1	7.1	7.1	6.9	6.9	7.1	7.1	7.3	7.3
67.5°	6.5	6.7	6.7	6.5	6.3	6.1	5.9	6.1	6.1	6.3	6.3
70°	5.9	5.9	5.9	5.8	5.6	5.4	5.2	5.2	5.2	5.0	5.0
72.5°	5.6	5.4	5.4	5.2	4.8	4.6	4.2	4.0	4.0	3.8	3.6
75°	5.2	5.0	5.0	4.6	4.2	3.8	3.5	3.3	2.9	2.7	2.3
77.5°	4.6	4.6	4.6	4.0	3.6	3.1	2.5	2.1	1.7	1.2	0.8
80°	1.5	1.7	1.9	1.7	1.7	1.5	1.3	1.0	0.8	0.4	0.0
82.5°	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596531  
 CATALOG NUMBER: MSA-SA1C-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: P596531  
 CATALOG NUMBER: MSA-SA1C-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°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3
2.5°	379.4	381.5	383.6	385.7	385.9	386.1	386.3	386.5	381.7	376.7	371.9
5°	376.5	380.5	384.4	388.2	386.1	384.0	381.9	379.8	379.6	379.6	379.4
7.5°	284.3	284.7	285.3	285.6	286.4	287.2	287.7	288.5	291.6	294.6	297.5
10°	227.5	225.1	222.4	219.9	218.0	215.9	213.9	211.8	213.4	215.1	216.6
12.5°	177.1	175.0	172.7	170.6	169.8	169.1	168.1	167.4	172.3	177.3	182.1
15°	127.3	126.9	126.3	125.9	128.4	130.9	133.4	135.9	140.1	144.2	148.4
17.5°	94.7	95.7	96.6	97.6	99.1	100.6	102.0	103.5	106.6	109.8	112.9
20°	73.4	74.8	75.9	77.1	76.7	76.3	75.7	75.3	77.8	80.3	82.6
22.5°	60.0	61.0	62.1	63.1	63.3	63.5	63.6	63.8	65.4	66.7	68.2
25°	51.4	52.5	53.5	54.4	54.6	54.8	55.0	55.2	57.1	59.0	60.8
27.5°	45.4	46.6	47.9	49.1	49.5	49.8	50.2	50.6	51.8	52.7	53.9
30°	40.1	41.6	43.1	44.7	45.2	45.8	46.4	47.0	48.1	49.5	50.6
32.5°	37.4	38.3	39.1	39.9	41.2	42.4	43.7	44.9	46.2	47.7	49.1
35°	34.3	35.3	36.4	37.4	38.3	39.3	40.1	41.0	41.8	42.6	43.1
37.5°	32.4	33.4	34.1	34.9	35.3	35.7	35.8	36.2	36.6	37.0	37.2
40°	30.9	30.7	30.7	30.5	30.9	31.4	31.8	32.2	33.4	34.3	35.5
42.5°	26.8	26.3	25.9	25.3	26.3	27.0	28.0	28.8	30.3	31.8	33.4
45°	22.8	22.4	21.9	21.5	22.8	24.2	25.5	26.8	28.6	30.1	31.8
47.5°	18.8	19.0	19.0	19.2	20.5	21.9	23.0	24.3	26.1	27.8	29.5
50°	15.7	16.1	16.5	16.9	18.2	19.4	20.7	21.9	23.8	25.5	27.4
52.5°	13.8	14.4	14.8	15.3	16.5	17.8	19.0	20.1	21.9	23.6	25.3
55°	12.5	13.2	13.8	14.4	15.3	16.3	17.3	18.2	19.9	21.7	23.2
57.5°	10.9	11.5	12.1	12.7	13.6	14.6	15.3	16.3	17.8	19.6	21.1
60°	9.6	10.0	10.5	10.9	11.7	12.7	13.4	14.2	15.7	17.3	18.6
62.5°	8.4	8.8	9.0	9.2	10.0	10.7	11.5	12.3	13.6	15.1	16.5
65°	7.5	7.7	7.7	7.9	8.4	9.2	9.8	10.4	11.9	13.2	14.8
67.5°	6.3	6.5	6.5	6.5	7.1	7.7	8.2	8.8	10.2	11.7	13.0
70°	5.0	5.2	5.2	5.2	5.8	6.5	7.1	7.7	8.8	10.0	11.1
72.5°	3.8	3.8	4.0	4.0	4.6	5.4	5.9	6.5	7.5	8.4	9.4
75°	2.5	2.7	2.7	2.9	3.5	4.2	4.8	5.4	6.3	7.3	8.1
77.5°	1.0	1.3	1.5	1.7	2.3	2.9	3.5	4.0	4.8	5.8	6.5
80°	0.0	0.2	0.2	0.2	0.6	0.8	1.2	1.3	1.9	2.7	3.3
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: P596531  
 CATALOG NUMBER: MSA-SA1C-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: P596531  
 CATALOG NUMBER: MSA-SA1C-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3
2.5°	366.9	377.5	388.0	398.5	409.1	422.1	435.2	437.1	439.0	436.7	434.6
5°	379.2	384.4	389.3	394.5	399.5	414.5	429.2	429.4	429.4	429.6	429.6
7.5°	300.6	305.0	309.4	313.6	318.0	327.8	337.6	341.2	344.7	343.9	343.1
10°	218.2	223.9	229.5	235.2	240.8	249.8	258.8	262.2	265.5	276.1	286.8
12.5°	187.1	192.7	198.2	203.6	209.1	218.3	227.5	234.3	240.8	247.3	253.8
15°	152.4	156.8	161.4	165.8	170.2	174.4	178.7	186.9	195.0	201.5	208.0
17.5°	116.0	117.9	119.6	121.5	123.3	125.2	127.1	130.5	133.8	139.6	145.1
20°	85.1	86.6	88.2	89.5	91.1	93.0	94.9	97.4	99.7	101.0	102.2
22.5°	69.6	71.9	74.2	76.3	78.6	79.9	81.3	82.0	82.8	83.4	84.0
25°	62.7	64.8	66.7	68.8	70.7	71.3	71.9	73.4	75.0	75.0	75.0
27.5°	54.8	57.7	60.8	63.6	66.5	67.3	67.9	68.4	68.8	68.1	67.1
30°	51.8	54.6	57.5	60.2	63.1	64.2	65.2	65.8	66.3	65.4	64.4
32.5°	50.4	53.1	55.6	58.3	60.8	62.3	63.6	65.2	66.5	66.7	67.1
35°	43.9	45.6	47.5	49.3	51.0	51.8	52.5	53.1	53.5	53.5	53.5
37.5°	37.6	39.9	42.4	44.7	47.0	48.7	50.4	50.6	50.6	51.0	51.6
40°	36.4	38.7	41.0	43.1	45.4	47.4	49.1	49.3	49.5	49.8	50.2
42.5°	34.9	37.4	39.9	42.4	44.9	46.8	48.5	48.5	48.3	48.9	49.3
45°	33.4	35.8	38.1	40.6	42.9	45.4	47.7	47.2	46.4	47.4	48.1
47.5°	31.2	33.9	36.6	39.1	41.8	44.1	46.2	45.8	45.2	46.2	47.2
50°	29.1	31.8	34.5	37.2	39.9	42.4	44.7	44.3	43.9	45.0	46.0
52.5°	27.0	29.7	32.6	35.3	38.0	40.1	42.0	41.8	41.6	42.7	44.1
55°	24.9	27.4	30.1	32.6	35.1	37.4	39.5	39.1	38.7	39.7	40.6
57.5°	22.6	25.1	27.4	29.9	32.2	34.1	35.8	35.3	34.7	35.8	37.0
60°	20.1	22.4	24.7	26.8	29.1	30.7	32.0	31.6	31.1	32.2	33.4
62.5°	17.8	19.9	22.0	24.0	26.1	27.2	28.4	28.0	27.6	28.8	30.1
65°	16.1	17.8	19.4	21.1	22.6	23.8	24.9	24.3	23.8	25.1	26.3
67.5°	14.4	15.7	17.3	18.6	19.9	20.9	21.9	21.5	20.9	21.9	22.8
70°	12.3	13.6	15.0	16.1	17.4	18.4	19.4	18.8	18.0	19.0	19.9
72.5°	10.4	11.5	12.7	13.6	14.8	15.5	16.3	15.7	15.1	15.9	16.7
75°	9.0	10.0	10.9	11.7	12.7	13.0	13.4	13.2	12.8	13.6	14.2
77.5°	7.3	8.1	9.0	9.8	10.5	10.5	10.5	10.7	10.7	11.5	12.5
80°	3.8	4.6	5.4	5.9	6.7	6.7	6.5	6.9	7.1	8.1	9.0
82.5°	0.0	0.6	1.2	1.7	2.3	2.1	1.7	1.9	1.9	2.3	2.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
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: P596531  
 CATALOG NUMBER: MSA-SA1C-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: P596531  
 CATALOG NUMBER: MSA-SA1C-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°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3
2.5°	432.3	430.0	428.5	427.1	425.6	424.0	426.0	427.9	429.6	431.5	437.3
5°	429.8	429.8	428.5	427.1	425.8	424.4	427.3	430.0	432.9	435.5	435.4
7.5°	342.2	341.4	349.5	357.3	365.4	373.2	375.4	377.5	379.4	381.5	380.9
10°	297.3	307.9	311.3	314.8	318.2	321.7	325.9	330.1	334.3	338.5	340.1
12.5°	260.3	266.8	278.0	288.9	300.0	310.9	316.5	322.3	327.8	333.4	344.3
15°	214.5	221.0	230.6	240.2	249.8	259.4	268.2	277.2	286.0	294.8	308.1
17.5°	150.9	156.4	163.7	171.0	178.1	185.4	199.0	212.6	226.2	239.8	253.8
20°	103.5	104.7	108.1	111.8	115.2	118.7	130.9	143.4	155.7	167.9	186.3
22.5°	84.3	84.9	86.6	88.4	89.9	91.6	98.0	104.5	110.8	117.1	132.1
25°	74.8	74.8	75.9	77.1	78.2	79.4	82.8	86.3	89.5	93.0	102.6
27.5°	66.3	65.4	67.1	68.8	70.5	72.3	74.8	77.4	79.9	82.4	88.9
30°	63.5	62.5	64.6	66.7	68.8	70.9	73.4	75.9	78.2	80.7	85.1
32.5°	67.3	67.5	68.2	69.0	69.6	70.4	71.5	72.8	74.0	75.1	79.0
35°	53.5	53.5	54.8	56.2	57.3	58.7	60.8	62.9	65.0	67.1	71.1
37.5°	52.0	52.3	53.5	54.8	56.0	57.1	59.8	62.7	65.4	68.1	71.3
40°	50.4	50.8	52.3	53.9	55.4	56.9	59.6	62.1	64.8	67.3	70.4
42.5°	49.8	50.2	52.1	54.3	56.2	58.1	60.4	62.7	64.8	67.1	71.3
45°	49.1	49.8	52.1	54.6	56.9	59.2	61.3	63.5	65.6	67.7	72.8
47.5°	47.9	48.9	51.6	54.1	56.7	59.2	63.3	67.5	71.5	75.5	78.0
50°	47.2	48.1	51.0	53.9	56.7	59.6	66.1	72.7	79.0	85.5	84.2
52.5°	45.2	46.4	50.0	53.7	57.3	61.0	66.7	72.5	78.2	84.0	81.3
55°	41.6	42.6	46.8	51.0	55.0	59.2	63.5	67.7	71.7	75.9	72.8
57.5°	38.0	39.1	43.1	47.2	51.0	55.0	57.1	59.2	61.3	63.5	62.3
60°	34.5	35.7	41.0	46.4	51.8	57.1	55.2	53.3	51.2	49.3	50.6
62.5°	31.2	32.4	37.6	42.6	47.7	52.7	50.0	47.4	44.7	42.0	44.1
65°	27.6	28.8	30.7	32.8	34.7	36.6	36.4	36.0	35.8	35.5	37.8
67.5°	23.8	24.7	25.7	26.8	27.8	28.8	29.3	30.1	30.7	31.2	33.2
70°	20.7	21.7	22.8	23.8	24.9	25.9	26.3	26.6	26.8	27.2	28.9
72.5°	17.3	18.0	19.6	21.1	22.4	24.0	24.2	24.2	24.3	24.3	25.7
75°	15.0	15.5	16.7	17.8	18.8	19.9	20.5	21.1	21.5	22.0	22.8
77.5°	13.2	14.0	14.4	14.6	15.0	15.1	15.5	15.9	16.3	16.7	16.9
80°	9.8	10.7	11.1	11.3	11.7	11.9	11.9	11.7	11.7	11.5	11.7
82.5°	3.1	3.5	4.0	4.6	5.2	5.8	5.9	6.1	6.1	6.3	6.1
85°	0.6	0.8	1.2	1.5	1.7	2.1	1.9	1.5	1.3	1.0	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: P596531  
 CATALOG NUMBER: MSA-SA1C-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: P596531  
 CATALOG NUMBER: MSA-SA1C-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3
2.5°	443.0	448.6	454.3	452.0	449.7	447.4	445.1	445.5	446.1	446.5	446.9
5°	435.2	434.8	434.6	441.1	447.8	454.3	460.9	467.9	475.2	482.3	489.4
7.5°	380.3	379.6	379.0	387.4	395.9	404.3	412.7	422.5	432.5	442.3	452.0
10°	341.6	343.1	344.7	348.1	351.8	355.2	358.7	368.1	377.5	386.7	396.1
12.5°	355.2	366.0	376.9	379.0	380.9	383.0	384.9	386.3	387.6	389.0	390.3
15°	321.5	334.7	347.9	353.5	358.9	364.4	369.8	384.0	398.0	412.2	426.2
17.5°	267.8	281.6	295.6	312.3	329.0	345.6	362.3	377.7	393.0	408.3	423.7
20°	204.9	223.3	241.7	262.8	284.1	305.2	326.3	341.6	356.8	372.1	387.2
22.5°	147.2	162.2	177.1	202.6	227.9	253.4	278.7	305.4	332.2	358.9	385.5
25°	112.1	121.5	131.1	156.2	181.3	206.3	231.4	268.0	304.6	341.2	377.8
27.5°	95.3	101.8	108.1	130.7	153.4	175.8	198.4	241.9	285.4	329.0	372.5
30°	89.7	94.1	98.5	117.7	137.1	156.2	175.4	219.5	263.6	307.7	351.8
32.5°	82.8	86.5	90.3	107.2	124.0	140.7	157.6	200.7	243.8	286.8	329.9
35°	75.0	79.0	82.8	99.7	116.6	133.2	150.1	194.8	239.4	284.1	328.8
37.5°	74.4	77.6	80.7	100.3	120.0	139.6	159.1	203.8	248.4	292.9	337.6
40°	73.6	76.7	79.7	99.7	119.4	139.4	159.1	205.9	252.7	299.4	346.2
42.5°	75.5	79.6	83.8	101.4	119.0	136.5	154.1	203.4	252.7	301.7	351.0
45°	78.2	83.4	88.6	104.7	120.8	136.9	153.0	206.5	259.9	313.2	366.7
47.5°	80.7	83.2	85.7	101.0	116.2	131.5	146.7	201.3	255.9	310.6	365.2
50°	83.0	81.7	80.3	97.2	114.1	130.7	147.6	199.8	251.7	303.8	355.8
52.5°	78.4	75.7	72.8	90.9	108.9	126.7	144.7	197.3	249.8	302.3	354.8
55°	69.8	66.7	63.6	81.5	99.1	116.9	134.6	186.9	239.2	291.6	343.9
57.5°	61.0	59.8	58.5	72.1	85.7	99.1	112.7	170.8	229.1	287.2	345.3
60°	52.0	53.1	54.4	64.2	74.0	83.6	93.4	150.3	207.0	264.0	320.7
62.5°	46.0	48.1	50.0	58.3	66.7	75.0	83.2	136.9	190.6	244.2	297.9
65°	40.3	42.6	44.9	54.6	64.6	74.4	84.2	129.6	175.0	220.5	265.9
67.5°	35.1	36.8	38.7	51.6	64.4	77.3	90.1	127.3	164.3	201.5	238.5
70°	30.7	32.2	33.9	48.9	63.8	78.8	93.7	125.4	157.2	188.8	220.5
72.5°	27.0	28.4	29.7	44.9	60.0	75.1	90.3	118.5	146.5	174.6	202.6
75°	23.6	24.2	24.9	37.8	50.4	63.3	75.9	94.7	113.7	132.5	151.3
77.5°	17.1	17.1	17.3	21.1	24.7	28.6	32.2	43.9	55.6	67.1	78.8
80°	11.7	11.9	11.9	13.4	14.8	16.3	17.6	20.1	22.4	24.9	27.2
82.5°	5.9	5.6	5.4	6.9	8.4	10.0	11.5	12.1	12.5	13.0	13.4
85°	0.6	0.2	0.0	1.0	1.9	2.9	3.8	4.6	5.4	6.1	6.9
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: P596531  
 CATALOG NUMBER: MSA-SA1C-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: P596531  
 CATALOG NUMBER: MSA-SA1C-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°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3
2.5°	445.3	443.8	442.3	440.7	450.1	459.7	469.1	478.5	505.1	522.6	520.7
5°	496.3	503.2	510.1	517.0	528.1	539.4	550.6	561.7	601.2	625.3	628.8
7.5°	462.8	473.3	484.0	494.6	516.1	537.3	558.8	580.1	612.5	637.6	651.8
10°	408.1	420.2	432.1	444.2	468.3	492.7	516.8	541.0	577.4	612.1	629.9
12.5°	409.3	428.3	447.2	466.2	487.3	508.4	529.3	550.4	572.6	584.3	609.4
15°	441.1	456.1	471.0	486.0	513.6	541.2	568.6	596.2	609.4	637.6	666.9
17.5°	452.8	482.1	511.3	540.4	574.9	609.2	643.7	678.0	703.0	742.1	772.4
20°	431.1	475.0	518.7	562.6	610.0	657.3	704.7	752.0	779.3	816.5	863.2
22.5°	432.1	478.7	525.1	571.7	637.0	702.2	767.6	832.8	905.8	977.5	1000.3
25°	438.8	499.8	560.5	621.5	697.0	772.6	848.1	923.6	1011.8	1087.1	1117.4
27.5°	441.1	509.7	578.2	646.8	754.2	861.5	968.9	1076.2	1181.5	1266.6	1299.0
30°	435.5	519.5	603.3	687.1	818.8	950.5	1082.2	1213.9	1313.7	1412.8	1453.1
32.5°	436.9	543.9	650.8	757.8	912.9	1068.2	1223.2	1378.3	1442.2	1531.5	1602.4
35°	446.1	563.4	680.5	797.9	969.4	1141.0	1312.6	1484.2	1588.8	1683.1	1743.3
37.5°	467.6	597.5	727.3	857.3	1068.2	1279.2	1490.1	1701.0	1863.0	2024.9	2052.5
40°	483.5	620.7	758.0	895.2	1140.0	1384.9	1629.7	1874.5	2057.7	2233.5	2252.3
42.5°	501.5	651.8	802.3	952.6	1226.3	1500.1	1773.8	2047.6	2259.8	2439.0	2451.5
45°	521.2	675.9	830.5	985.0	1271.7	1558.3	1845.1	2131.7	2379.6	2587.8	2540.8
47.5°	530.6	696.1	861.5	1026.9	1334.4	1641.7	1949.2	2256.5	2478.9	2662.5	2607.7
50°	537.9	719.8	902.0	1083.9	1406.3	1728.8	2051.2	2373.6	2596.6	2766.1	2680.2
52.5°	558.4	761.8	965.4	1168.8	1511.8	1854.5	2197.5	2540.2	2755.9	2911.6	2791.2
55°	578.4	812.6	1047.1	1281.3	1650.2	2019.2	2388.0	2756.9	2971.6	3105.0	2941.5
57.5°	603.5	861.9	1120.1	1378.3	1772.9	2167.4	2561.7	2956.2	3166.1	3313.6	3143.7
60°	597.0	873.0	1149.3	1425.3	1827.1	2228.9	2630.7	3032.5	3281.9	3463.1	3347.9
62.5°	571.7	845.4	1119.0	1392.7	1787.4	2181.9	2576.7	2971.2	3270.0	3515.4	3476.7
65°	520.5	774.9	1029.4	1283.8	1660.7	2037.8	2414.7	2791.6	3160.4	3472.7	3486.5
67.5°	453.2	667.9	882.4	1097.1	1448.7	1800.3	2151.7	2503.2	2938.6	3302.8	3343.9
70°	381.9	543.1	704.5	865.7	1175.1	1484.5	1793.8	2103.2	2555.8	2922.3	2999.7
72.5°	306.1	409.9	513.4	616.9	840.2	1063.4	1286.7	1509.8	1908.0	2192.5	2327.6
75°	198.4	245.6	292.7	339.9	488.6	637.2	786.0	934.5	1198.9	1408.4	1561.2
77.5°	88.4	98.0	107.4	116.9	231.8	346.6	461.4	576.3	691.1	817.6	853.5
80°	31.6	35.8	40.3	44.5	100.8	157.4	213.7	270.1	325.7	391.1	407.0
82.5°	13.2	13.2	13.0	12.8	33.0	53.1	73.2	93.4	107.9	124.0	127.1
85°	5.4	4.0	2.5	1.0	4.2	7.7	10.9	14.2	22.8	20.7	38.3
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: P596531  
 CATALOG NUMBER: MSA-SA1C-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: P596531

CATALOG NUMBER: MSA-SA1C-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3
2.5°	513.4	513.0	512.6	512.2	511.8	504.9	498.2	491.3	484.6	493.1	501.5
5°	623.2	633.2	643.2	653.3	663.3	666.2	669.0	671.9	674.8	680.9	687.1
7.5°	663.7	680.5	697.2	714.1	730.8	746.3	761.6	777.2	792.7	788.9	785.0
10°	649.7	680.2	710.6	741.3	771.8	778.5	785.2	792.1	798.8	816.3	833.7
12.5°	634.5	671.1	707.8	744.4	781.0	801.3	821.4	841.8	862.1	879.7	897.4
15°	706.4	729.8	753.2	776.8	800.2	818.0	835.6	853.5	871.1	883.4	895.4
17.5°	800.9	812.4	823.9	835.6	847.1	861.1	875.1	889.1	903.1	910.4	917.7
20°	900.8	905.8	910.8	915.8	920.7	909.6	898.5	887.4	876.3	883.2	889.9
22.5°	1001.1	1002.8	1004.7	1006.4	1008.2	982.3	956.4	930.5	904.6	893.7	882.8
25°	1155.4	1142.7	1130.1	1117.4	1104.8	1074.1	1043.4	1012.8	982.1	955.1	928.0
27.5°	1322.5	1279.6	1236.9	1193.9	1151.2	1120.5	1089.8	1059.2	1028.5	987.8	947.2
30°	1491.1	1421.9	1352.8	1283.6	1214.6	1178.2	1141.8	1105.2	1068.7	1028.1	987.6
32.5°	1645.6	1562.4	1479.2	1395.8	1312.6	1251.2	1189.9	1128.5	1067.2	1038.8	1010.5
35°	1773.6	1675.3	1576.9	1478.4	1380.1	1319.3	1258.5	1197.8	1137.0	1094.8	1052.8
37.5°	1992.5	1881.9	1771.3	1660.7	1550.1	1467.1	1384.3	1301.3	1218.3	1190.1	1161.9
40°	2194.4	2055.0	1915.7	1776.3	1636.9	1567.4	1498.0	1428.4	1359.0	1312.8	1266.8
42.5°	2354.9	2208.0	2061.4	1914.5	1767.7	1698.9	1630.2	1561.4	1492.6	1461.7	1431.1
45°	2389.6	2251.2	2112.9	1974.5	1836.1	1796.1	1756.2	1716.1	1676.2	1655.0	1633.9
47.5°	2458.0	2307.9	2158.0	2007.9	1857.8	1839.8	1821.7	1803.5	1785.5	1795.7	1805.8
50°	2496.3	2343.2	2190.0	2036.8	1883.7	1888.8	1893.8	1899.0	1904.2	1976.3	2048.1
52.5°	2570.7	2416.0	2261.3	2106.6	1951.9	1984.5	2016.9	2049.5	2081.9	2181.2	2280.3
55°	2703.6	2551.5	2399.5	2247.3	2095.3	2138.2	2181.2	2224.3	2267.3	2372.7	2477.9
57.5°	2900.4	2749.6	2598.9	2448.0	2297.4	2340.1	2382.9	2425.6	2468.4	2563.6	2658.7
60°	3148.3	2993.4	2838.7	2683.8	2529.1	2545.2	2561.1	2577.2	2593.3	2695.7	2797.9
62.5°	3341.4	3198.9	3056.7	2914.2	2772.0	2754.2	2736.5	2718.7	2701.1	2778.9	2856.5
65°	3386.2	3286.0	3185.9	3085.6	2985.4	2930.5	2875.9	2821.1	2766.3	2797.7	2829.1
67.5°	3257.8	3190.1	3122.6	3055.0	2987.3	2872.8	2758.4	2643.8	2529.3	2512.6	2496.0
70°	2959.7	2922.7	2885.9	2848.9	2812.1	2635.7	2459.5	2283.2	2107.0	2064.6	2022.3
72.5°	2335.5	2358.5	2381.5	2404.7	2427.7	2238.9	2050.2	1861.4	1672.6	1618.9	1565.4
75°	1646.9	1724.9	1803.0	1881.0	1959.0	1786.9	1614.9	1442.7	1270.6	1219.0	1167.7
77.5°	892.9	1039.2	1185.5	1331.8	1478.0	1336.0	1194.1	1052.1	910.0	874.2	838.5
80°	423.3	507.6	591.8	676.1	760.5	728.5	696.5	664.2	632.2	640.1	648.0
82.5°	129.8	190.7	251.7	312.7	373.6	378.4	383.0	387.8	392.6	404.5	416.2
85°	43.5	59.6	75.7	91.8	107.9	136.3	164.7	193.2	221.6	203.2	185.0
87.5°	0.0	0.6	1.0	1.5	1.9	5.9	10.0	14.0	18.0	15.5	13.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596531  
 CATALOG NUMBER: MSA-SA1C-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: P596531

CATALOG NUMBER: MSA-SA1C-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°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3
2.5°	510.1	518.6	518.7	519.1	519.3	519.5	520.5	521.4	522.6	523.5	517.2
5°	693.4	699.5	688.2	676.9	665.4	654.1	664.2	674.4	684.6	694.7	690.3
7.5°	781.0	777.2	775.8	774.7	773.3	772.2	776.0	779.8	783.7	787.5	787.1
10°	851.2	868.6	872.8	877.0	881.4	885.7	876.8	868.0	859.2	850.4	846.7
12.5°	915.0	932.6	946.6	960.6	974.8	988.8	976.1	963.7	951.0	938.6	926.7
15°	907.7	919.8	931.3	942.8	954.3	965.8	961.6	957.5	953.3	949.1	947.2
17.5°	925.2	932.4	929.8	927.1	924.2	921.5	920.2	919.0	917.7	916.3	911.7
20°	896.8	903.7	902.0	900.4	898.7	897.0	895.8	894.7	893.5	892.4	888.7
22.5°	871.9	860.9	858.1	855.4	852.5	849.8	850.2	850.6	850.8	851.2	867.6
25°	901.0	874.0	863.4	852.9	842.1	831.6	836.4	841.0	845.8	850.6	874.4
27.5°	906.4	865.7	848.9	832.0	815.1	798.2	815.5	832.8	850.0	867.3	905.8
30°	947.0	906.6	883.0	859.6	836.0	812.6	834.7	856.7	878.8	900.8	942.6
32.5°	981.9	953.5	936.7	919.8	902.9	886.0	887.0	887.8	888.7	889.7	948.5
35°	1010.7	968.7	953.3	938.2	922.9	907.7	930.5	953.3	976.1	999.0	1051.9
37.5°	1133.7	1105.5	1077.4	1049.4	1021.2	993.2	1011.4	1029.6	1048.0	1066.2	1124.7
40°	1220.6	1174.6	1167.3	1160.2	1152.9	1145.8	1155.2	1164.4	1173.8	1183.2	1234.4
42.5°	1400.2	1369.3	1349.6	1330.0	1310.3	1290.7	1298.2	1305.7	1313.3	1320.8	1369.3
45°	1612.6	1591.3	1578.3	1565.2	1552.0	1539.0	1527.7	1516.6	1505.2	1494.1	1543.4
47.5°	1816.0	1826.1	1854.9	1883.5	1912.2	1940.8	1917.4	1894.0	1870.4	1847.0	1847.2
50°	2120.2	2192.1	2206.7	2221.1	2235.6	2250.0	2200.2	2150.3	2100.3	2050.4	2044.5
52.5°	2379.6	2478.7	2483.9	2489.1	2494.4	2499.6	2479.5	2459.3	2439.0	2418.9	2365.4
55°	2583.4	2688.6	2695.7	2702.6	2709.7	2716.6	2699.0	2681.5	2663.9	2646.2	2592.2
57.5°	2754.0	2849.1	2853.3	2857.3	2861.5	2865.7	2867.1	2868.4	2870.0	2871.3	2798.3
60°	2900.3	3002.6	2994.2	2985.9	2977.5	2969.3	2956.6	2944.0	2931.3	2918.7	2871.5
62.5°	2934.4	3012.2	2999.2	2986.3	2973.3	2960.4	2949.7	2939.2	2928.4	2917.7	2887.6
65°	2860.6	2892.0	2878.6	2865.2	2851.6	2838.1	2831.2	2824.5	2817.6	2810.7	2806.9
67.5°	2479.1	2462.4	2478.3	2494.2	2510.1	2526.1	2547.7	2569.4	2591.2	2612.9	2600.2
70°	1979.7	1937.3	1955.0	1972.4	1990.1	2007.5	2040.3	2073.1	2106.0	2138.8	2130.0
72.5°	1511.8	1458.1	1460.6	1463.1	1465.8	1468.2	1467.3	1466.5	1465.6	1464.6	1479.9
75°	1116.1	1064.5	1040.2	1015.8	991.5	967.1	961.2	955.2	949.3	943.4	971.9
77.5°	802.7	767.0	750.3	733.8	717.2	700.7	709.1	717.5	726.2	734.6	744.6
80°	656.0	663.9	651.0	638.4	625.5	612.7	622.3	631.7	641.2	650.8	621.1
82.5°	428.1	439.8	400.3	360.8	321.3	281.8	305.8	329.7	353.9	377.8	365.6
85°	166.6	148.4	126.5	104.9	83.0	61.2	79.6	98.0	116.4	134.8	147.0
87.5°	10.7	8.4	6.7	5.0	3.1	1.3	2.9	4.4	6.1	7.7	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



REPORT NUMBER: P596531  
 CATALOG NUMBER: MSA-SA1C-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: P596531

CATALOG NUMBER: MSA-SA1C-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3	405.3
2.5°	511.1	504.8	498.6	486.5	474.5	462.4	450.3	467.2	484.0	500.9	517.8
5°	686.1	681.7	677.5	678.6	679.8	681.1	682.3	684.8	687.3	689.6	692.0
7.5°	786.9	786.6	786.2	777.4	768.5	759.5	750.7	755.1	759.5	763.9	768.3
10°	843.3	839.7	836.0	816.6	797.3	777.7	758.4	749.9	741.3	732.9	724.4
12.5°	914.8	902.7	890.8	870.1	849.6	828.9	808.2	800.5	792.7	785.0	777.2
15°	945.5	943.6	941.8	927.1	912.1	897.4	882.4	856.1	829.7	803.4	777.2
17.5°	907.1	902.3	897.7	921.1	944.3	967.7	991.1	963.9	936.7	909.4	882.2
20°	885.1	881.4	877.8	921.3	964.6	1008.2	1051.5	1039.4	1027.1	1015.1	1003.0
22.5°	884.1	900.8	917.3	955.4	993.4	1031.5	1069.5	1090.4	1111.5	1132.4	1153.3
25°	898.1	922.1	945.9	1009.1	1072.4	1135.8	1199.1	1223.1	1246.8	1270.8	1294.6
27.5°	944.1	982.7	1021.0	1076.2	1131.4	1186.8	1242.0	1294.4	1346.9	1399.2	1451.6
30°	984.2	1026.0	1067.8	1133.5	1199.1	1264.8	1330.4	1396.0	1461.5	1527.1	1592.7
32.5°	1007.4	1066.4	1125.3	1205.2	1285.0	1364.9	1444.9	1516.7	1588.6	1660.3	1732.2
35°	1104.8	1157.9	1210.8	1299.2	1387.5	1476.1	1564.5	1653.4	1742.4	1831.1	1920.1
37.5°	1183.2	1241.8	1300.3	1396.9	1493.4	1590.0	1686.6	1809.5	1932.5	2055.4	2178.3
40°	1285.6	1336.7	1387.9	1478.4	1568.7	1659.2	1749.7	1905.5	2061.4	2217.0	2372.9
42.5°	1417.6	1466.1	1514.6	1611.4	1708.3	1805.1	1901.9	2074.4	2246.9	2419.3	2591.8
45°	1592.7	1642.1	1691.4	1768.4	1845.5	1922.6	1999.6	2183.1	2366.4	2549.8	2733.1
47.5°	1847.4	1847.6	1847.8	1903.4	1959.0	2014.8	2070.4	2255.2	2439.8	2624.6	2809.2
50°	2038.6	2032.4	2026.5	2055.2	2083.8	2112.6	2141.3	2311.3	2481.6	2651.6	2821.7
52.5°	2312.1	2258.6	2205.3	2222.4	2239.3	2256.3	2273.2	2417.2	2561.3	2705.3	2849.3
55°	2538.3	2484.3	2430.2	2423.9	2417.5	2411.2	2404.9	2537.4	2669.8	2802.3	2934.8
57.5°	2725.4	2652.4	2579.5	2565.0	2550.6	2536.0	2521.5	2661.2	2800.8	2940.5	3080.1
60°	2824.5	2777.4	2730.2	2720.8	2711.2	2701.8	2692.3	2806.9	2921.5	3036.2	3150.8
62.5°	2857.7	2827.6	2797.7	2815.3	2833.0	2850.8	2868.4	2918.8	2969.1	3019.5	3069.7
65°	2803.3	2799.4	2795.6	2831.8	2867.9	2904.1	2940.3	2927.9	2915.2	2902.7	2890.3
67.5°	2587.8	2575.1	2562.7	2642.2	2721.6	2801.1	2880.7	2820.3	2759.7	2699.4	2639.0
70°	2121.2	2112.2	2103.4	2218.0	2332.6	2447.5	2562.1	2488.9	2415.6	2342.4	2269.2
72.5°	1495.1	1510.4	1525.8	1660.9	1795.9	1931.0	2066.0	1992.2	1918.4	1844.6	1770.7
75°	1000.3	1028.9	1057.4	1196.6	1335.8	1475.1	1614.3	1527.7	1441.0	1354.4	1267.7
77.5°	754.5	764.5	774.5	862.5	950.5	1038.6	1126.6	1055.1	983.4	911.9	840.2
80°	591.4	561.5	531.8	560.7	589.7	618.6	647.6	604.8	562.1	519.5	476.8
82.5°	353.3	341.0	328.8	344.5	360.0	375.7	391.5	373.1	354.5	336.1	317.5
85°	159.1	171.4	183.5	199.4	215.1	231.0	246.9	221.2	195.5	169.8	144.2
87.5°	17.8	23.0	28.2	34.9	41.6	48.3	55.0	42.9	30.7	18.6	6.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	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°	405.3	405.3
2.5°	527.6	537.3
5°	691.9	691.5
7.5°	756.8	745.1
10°	713.7	703.0
12.5°	749.7	722.3
15°	756.5	735.8
17.5°	848.5	814.5
20°	959.5	915.8
22.5°	1093.5	1033.5
25°	1223.2	1151.9
27.5°	1408.8	1365.9
30°	1549.3	1505.8
32.5°	1702.7	1673.2
35°	1890.8	1861.2
37.5°	2186.0	2193.5
40°	2377.5	2382.1
42.5°	2609.6	2627.5
45°	2753.0	2773.0
47.5°	2837.0	2864.8
50°	2866.5	2911.4
52.5°	2904.7	2959.9
55°	2996.3	3057.8
57.5°	3129.1	3178.2
60°	3153.1	3155.4
62.5°	3034.3	2998.8
65°	2852.5	2814.8
67.5°	2616.2	2593.1
70°	2238.9	2208.6
72.5°	1714.4	1658.0
75°	1197.9	1128.2
77.5°	803.6	767.0
80°	477.9	478.9
82.5°	326.3	334.9
85°	142.4	140.5
87.5°	4.6	2.5
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



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**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)