

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: P596861

Luminaire Tested: **MSA-SA1B-835-U-SLR-HSS**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P596861  
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-SA1B-835-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: 3046 lumens  
Efficiency: N/A  
Efficacy: 69.2 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

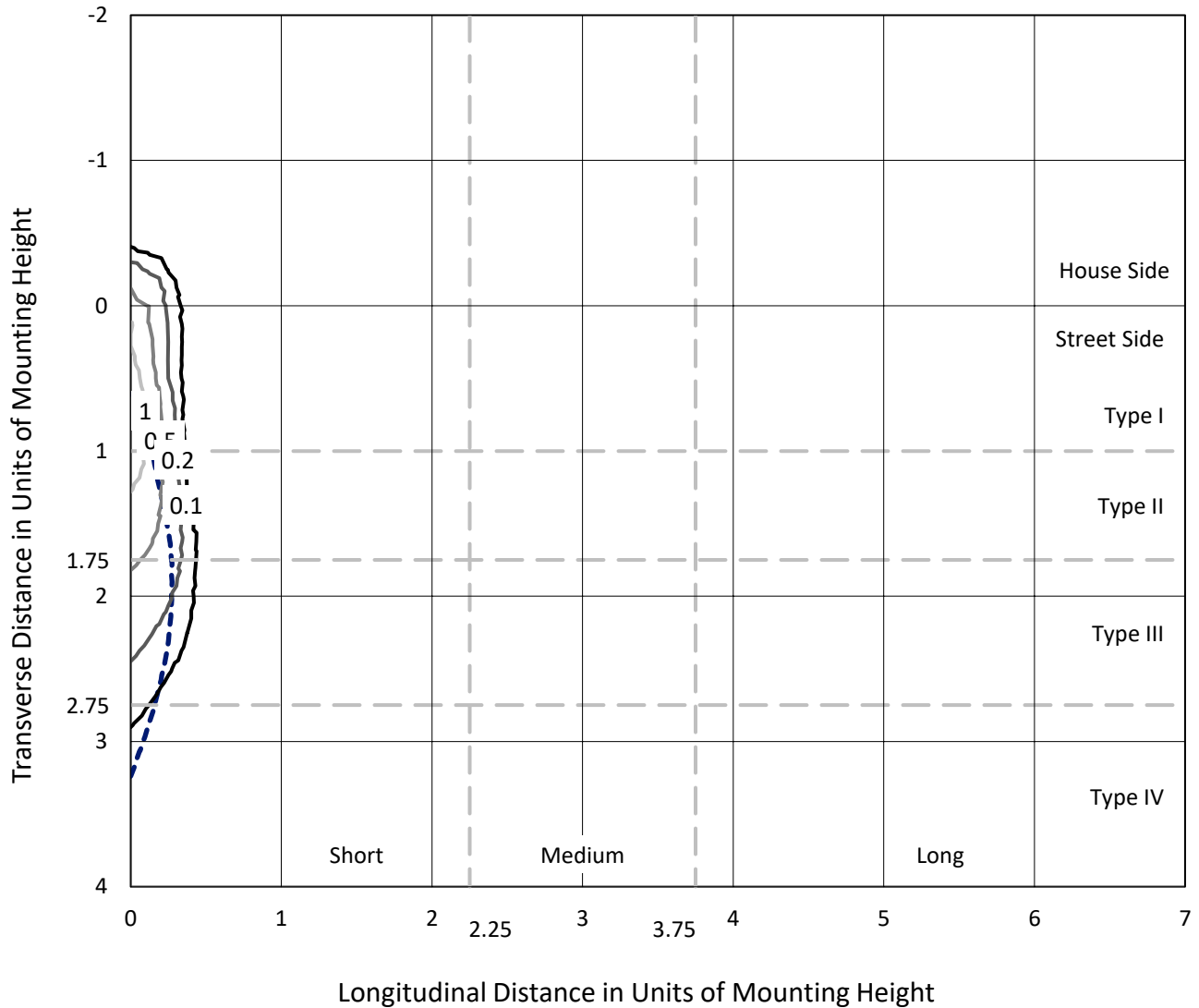
Input Watts (W): 44  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

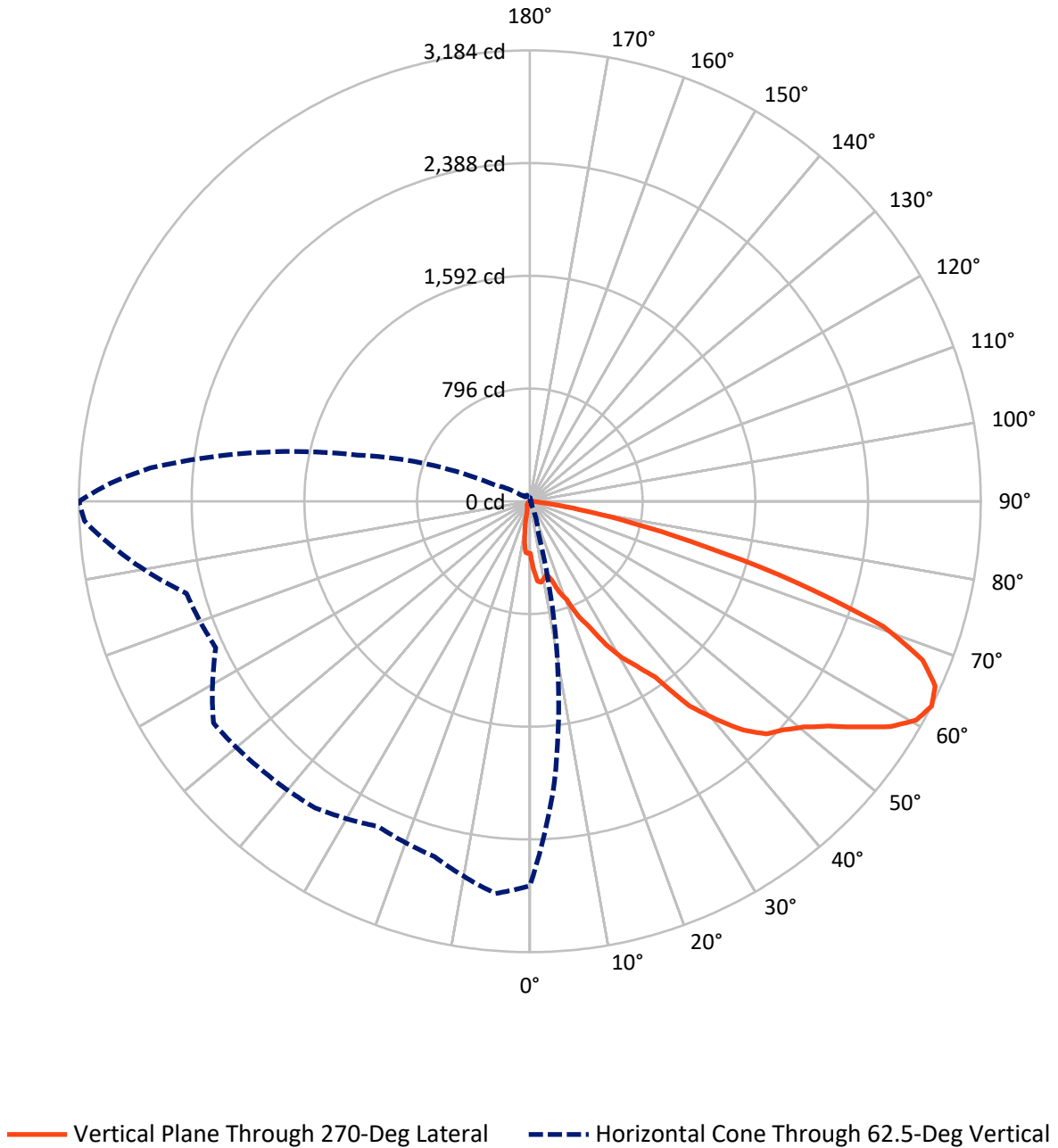
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.6 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	508.6	0.0	508.6
	% Fixture	16.7	0.0	16.7
<b>Street Side</b>	Lumens	2537.4	0.0	2537.4
	% Fixture	83.3	0.0	83.3
<b>Total</b>	Lumens	3046.0	0.0	3046.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	41.0	1.3
10°-20°	107.1	3.5
20°-30°	173.2	5.7
30°-40°	290.0	9.5
40°-50°	474.1	15.6
50°-60°	701.8	23.0
60°-70°	805.7	26.5
70°-80°	398.4	13.1
80°-90°	54.7	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°	3046.0	100.0
0°-180°	3046.0	100.0

**Coefficient of Utilization**

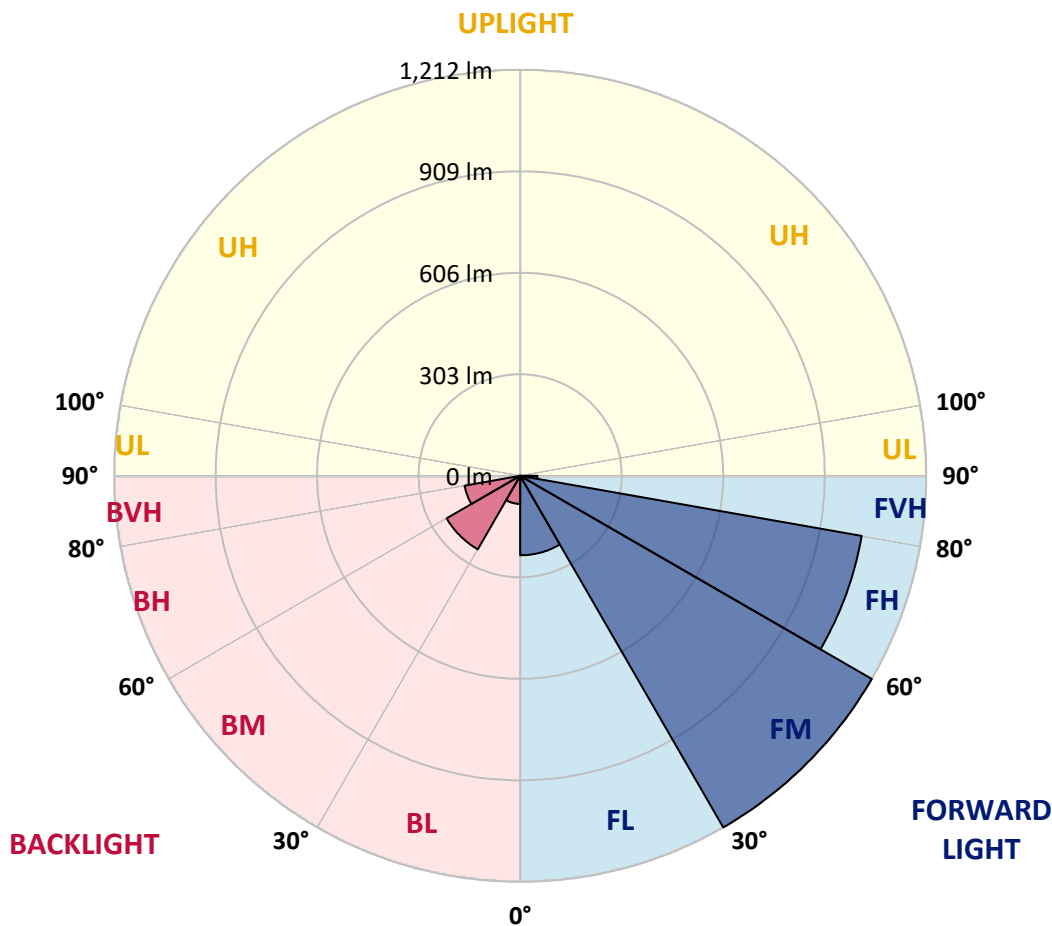


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	237.3	7.8			
FM (30°-60°)	1212.5	39.8			
FH (60°-80°)	1035.8	34.0			G1/1800
FVH (80°-90°)	51.8	1.7			G1/100
BL (0°-30°)	84.0	2.8	B0/110		
BM (30°-60°)	253.5	8.3	B1/1000		
BH (60°-80°)	168.3	5.5	B1/500		G1/500
BVH (80°-90°)	2.9	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°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	486.7	492.8	498.7	487.4	476.1	464.8	453.5	443.5	433.4	423.1	413.1
5°	626.3	615.2	604.1	588.8	573.5	558.2	542.9	535.8	528.7	521.6	514.5
7.5°	674.9	655.1	635.1	621.6	608.2	594.7	581.1	559.8	538.3	516.9	495.4
10°	636.7	615.7	594.5	582.7	570.9	559.1	547.3	520.7	494.0	467.4	440.7
12.5°	654.2	631.5	608.8	584.4	560.1	535.8	511.5	491.2	470.7	450.4	429.9
15°	666.4	640.4	614.1	586.4	558.6	530.8	503.0	479.0	455.3	431.3	407.3
17.5°	737.8	700.4	663.1	620.4	577.7	535.0	492.2	464.5	436.9	409.1	381.3
20°	829.4	776.5	723.3	665.5	607.7	549.9	492.1	457.5	423.0	388.4	353.9
22.5°	936.0	869.9	803.6	732.2	661.0	589.7	518.3	468.6	419.0	369.3	319.7
25°	1043.4	983.6	923.9	827.9	731.9	635.7	539.6	476.6	413.4	350.4	287.2
27.5°	1237.1	1130.3	1023.6	901.3	779.3	657.0	534.8	462.6	390.3	317.9	245.7
30°	1363.9	1281.7	1199.4	1038.0	876.7	715.2	553.7	462.2	370.7	279.0	187.5
32.5°	1515.5	1395.3	1275.0	1099.8	924.6	749.4	574.2	466.7	359.1	251.6	143.9
35°	1685.8	1555.0	1424.3	1202.4	980.5	758.4	536.5	432.3	328.2	224.0	119.8
37.5°	1986.7	1767.9	1549.1	1290.4	1031.5	772.8	513.9	409.9	305.8	201.8	97.6
40°	2157.5	1948.7	1739.8	1416.5	1093.2	769.9	446.6	354.2	262.0	169.6	77.3
42.5°	2379.8	2114.8	1849.7	1488.4	1127.0	765.7	404.4	319.0	233.5	147.9	62.5
45°	2511.6	2211.4	1911.2	1519.6	1128.1	736.5	345.0	271.0	197.1	123.1	49.1
47.5°	2594.8	2293.7	1992.6	1572.2	1152.0	731.7	311.3	243.3	175.2	107.1	39.1
50°	2636.9	2335.0	2032.9	1600.9	1168.9	736.7	304.7	237.0	169.1	101.4	33.5
52.5°	2680.9	2389.7	2098.3	1650.5	1202.7	755.0	307.2	238.0	169.1	100.0	30.9
55°	2769.6	2482.4	2195.1	1721.7	1248.4	775.1	301.8	233.7	165.6	97.4	29.3
57.5°	2878.6	2571.7	2264.5	1773.8	1283.1	792.5	301.8	233.4	165.0	96.4	28.0
60°	2858.0	2524.8	2191.4	1715.3	1239.2	762.9	286.8	221.7	156.8	91.7	26.6
62.5°	2716.1	2354.4	1992.6	1552.6	1112.5	672.5	232.3	180.4	128.5	76.4	24.5
65°	2549.4	2165.5	1781.5	1376.6	971.5	566.6	161.5	126.8	91.9	57.1	22.2
67.5°	2348.7	1939.3	1529.9	1169.8	809.8	449.7	89.6	72.2	54.9	37.3	20.0
70°	2000.4	1577.8	1155.0	878.2	601.6	324.9	48.1	40.6	33.2	25.7	18.2
72.5°	1501.7	1114.5	727.3	552.5	377.8	203.0	28.1	25.4	22.4	19.6	16.7
75°	1021.8	731.7	441.5	336.2	230.9	125.5	20.1	18.8	17.2	15.8	14.2
77.5°	694.7	502.5	310.3	236.8	163.4	89.9	16.5	15.6	14.8	13.7	12.8
80°	433.7	296.9	160.1	123.3	86.3	49.5	12.5	12.0	11.5	10.8	10.2
82.5°	303.3	181.4	59.6	46.5	33.5	20.3	7.3	7.5	7.6	7.6	7.8
85°	127.3	68.8	10.2	8.7	7.1	5.6	4.0	4.3	4.9	5.2	5.6
87.5°	2.3	1.2	0.0	0.3	0.9	1.2	1.6	2.1	2.4	3.0	3.3
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



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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°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	415.7	418.3	420.7	423.3	421.2	419.3	417.2	415.2	412.0	409.1	406.0
5°	505.8	497.1	488.4	479.7	466.5	453.4	440.0	426.8	425.2	423.7	421.9
7.5°	475.1	454.7	434.3	413.9	394.8	375.7	356.6	337.5	331.6	325.9	320.0
10°	425.1	409.4	393.6	378.0	364.3	350.4	336.7	322.8	308.4	294.0	279.4
12.5°	413.6	397.3	380.8	364.5	352.0	339.4	326.9	314.4	298.3	282.2	266.0
15°	389.6	371.9	354.2	336.5	319.8	303.2	286.3	269.6	250.2	230.8	211.3
17.5°	360.3	339.4	318.4	297.4	275.6	253.7	231.8	209.9	187.5	165.3	142.9
20°	325.4	296.9	268.3	239.8	212.7	185.6	158.4	131.3	117.2	103.3	89.2
22.5°	282.8	245.9	209.1	172.1	149.8	127.4	105.2	82.8	76.7	70.7	64.6
25°	245.3	203.5	161.7	119.8	105.7	91.7	77.6	63.5	60.8	57.8	55.0
27.5°	206.3	167.0	127.6	88.2	80.2	72.1	64.1	55.9	54.0	52.3	50.4
30°	158.2	128.8	99.3	70.0	64.8	59.6	54.2	49.0	48.1	47.1	46.2
32.5°	122.6	101.1	79.7	58.2	55.2	52.3	49.3	46.4	45.0	43.6	42.0
35°	102.4	85.3	67.9	50.5	48.4	46.2	44.1	41.8	40.5	38.9	37.5
37.5°	84.9	72.4	59.7	47.1	44.8	42.5	40.1	37.9	36.8	35.8	34.7
40°	70.0	62.7	55.4	48.1	44.8	41.5	38.2	34.9	34.0	33.2	32.3
42.5°	57.8	53.1	48.3	43.6	41.2	38.9	36.5	34.0	32.8	31.4	30.2
45°	46.7	44.1	41.7	39.1	39.2	39.4	39.4	39.6	36.5	33.2	30.0
47.5°	37.9	36.6	35.2	34.0	35.4	36.8	38.0	39.4	36.1	32.8	29.3
50°	32.5	31.6	30.6	29.5	30.9	32.5	33.9	35.2	33.9	32.6	31.3
52.5°	29.7	28.5	27.3	26.0	26.6	27.3	27.8	28.3	28.3	28.3	28.3
55°	28.0	26.7	25.4	24.0	23.4	22.7	22.2	21.5	20.7	20.0	19.1
57.5°	26.6	25.2	23.6	22.2	21.4	20.3	19.4	18.4	17.5	16.5	15.6
60°	25.2	23.8	22.2	20.8	20.0	19.1	18.1	17.2	16.1	15.3	14.2
62.5°	23.3	22.1	20.8	19.6	18.8	18.1	17.2	16.3	15.3	14.2	13.0
65°	21.2	20.3	19.3	18.2	17.4	16.5	15.6	14.8	13.7	12.8	11.8
67.5°	19.3	18.4	17.7	16.8	15.8	14.9	13.9	12.8	12.2	11.5	10.6
70°	17.7	17.0	16.5	15.8	14.8	13.9	12.8	11.8	11.3	10.6	10.1
72.5°	16.1	15.6	14.9	14.4	13.5	12.7	11.8	10.9	10.4	9.9	9.4
75°	13.9	13.5	13.2	12.8	12.0	11.1	10.1	9.2	9.0	8.9	8.7
77.5°	12.5	12.3	12.0	11.6	10.8	9.9	9.0	8.2	8.3	8.5	8.5
80°	10.2	10.2	10.1	10.1	9.4	8.7	7.8	7.1	7.5	8.0	8.3
82.5°	7.8	7.8	7.8	7.8	7.1	6.4	5.7	5.0	5.6	5.9	6.4
85°	5.4	5.2	5.0	4.9	4.3	4.0	3.5	3.0	3.6	4.2	4.9
87.5°	3.3	3.5	3.5	3.5	3.1	2.6	2.3	1.7	2.1	2.3	2.6
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



REPORT NUMBER: P596861  
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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: P596861  
 CATALOG NUMBER: MSA-SA1B-835-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	402.8	397.6	392.4	387.0	381.8	369.7	357.5	345.4	333.2	342.2	351.1
5°	420.4	410.3	400.0	390.0	379.7	375.2	370.9	366.4	361.8	362.5	363.4
7.5°	314.1	307.5	300.9	294.1	287.5	286.1	284.9	283.5	282.2	285.1	287.9
10°	265.0	255.8	246.4	237.2	227.8	222.8	217.7	212.7	207.7	207.1	206.4
12.5°	249.9	235.8	221.9	207.8	193.8	182.8	171.9	161.0	150.0	150.9	151.8
15°	191.9	177.8	163.9	149.8	135.8	126.9	117.9	109.0	100.0	97.4	94.8
17.5°	120.5	110.1	99.7	89.1	78.7	75.7	72.9	70.0	67.0	66.2	65.3
20°	75.2	70.7	66.2	61.5	57.0	56.3	55.6	54.9	54.2	54.7	55.2
22.5°	58.5	56.6	54.5	52.6	50.5	49.8	49.1	48.4	47.7	48.3	48.6
25°	52.1	50.7	49.3	47.9	46.5	45.8	45.0	44.3	43.4	43.8	44.3
27.5°	48.4	47.2	46.0	44.8	43.6	42.4	41.3	40.1	38.9	39.6	40.1
30°	45.1	43.8	42.5	41.2	39.8	38.5	37.3	35.9	34.7	35.4	36.1
32.5°	40.6	39.4	38.0	36.8	35.4	34.7	34.0	33.2	32.5	33.0	33.3
35°	35.9	34.9	34.0	33.0	31.9	31.3	30.7	30.0	29.3	29.5	29.9
37.5°	33.7	32.5	31.3	30.0	28.8	28.5	28.1	27.6	27.3	27.3	27.3
40°	31.4	30.2	29.0	27.6	26.4	25.9	25.4	24.8	24.3	24.3	24.3
42.5°	28.8	27.6	26.4	25.2	24.0	23.4	22.7	22.2	21.5	21.5	21.5
45°	26.7	25.5	24.5	23.3	22.1	21.2	20.3	19.3	18.4	18.2	18.1
47.5°	26.0	24.3	22.6	20.8	19.1	18.2	17.4	16.3	15.5	15.3	15.1
50°	29.9	26.4	22.9	19.4	16.0	15.3	14.6	13.9	13.2	12.8	12.7
52.5°	28.3	24.7	21.0	17.4	13.7	13.2	12.7	12.2	11.6	11.3	10.9
55°	18.2	16.7	15.3	13.7	12.2	11.8	11.5	10.9	10.6	10.2	9.9
57.5°	14.6	13.7	13.0	12.2	11.3	10.9	10.6	10.1	9.7	9.2	8.9
60°	13.2	12.5	11.8	11.1	10.4	10.1	9.7	9.4	9.0	8.5	8.2
62.5°	12.0	11.5	10.9	10.4	9.9	9.5	9.2	8.9	8.5	8.0	7.5
65°	10.8	10.4	10.1	9.7	9.4	9.0	8.7	8.2	7.8	7.3	6.8
67.5°	9.9	9.7	9.5	9.4	9.2	8.9	8.3	8.0	7.5	6.9	6.3
70°	9.4	9.4	9.4	9.2	9.2	8.9	8.3	8.0	7.5	6.8	6.3
72.5°	8.9	9.0	9.2	9.2	9.4	8.9	8.3	7.8	7.3	6.6	6.1
75°	8.5	8.7	8.9	8.9	9.0	8.7	8.3	7.8	7.5	6.8	6.1
77.5°	8.7	8.9	8.9	9.0	9.0	8.7	8.3	7.8	7.5	6.6	5.7
80°	8.7	8.5	8.3	8.0	7.8	7.1	6.4	5.6	4.9	3.8	3.0
82.5°	6.8	6.4	6.3	5.9	5.6	4.9	4.2	3.5	2.8	2.1	1.4
85°	5.4	5.0	4.9	4.5	4.2	3.6	3.0	2.4	1.7	1.4	0.9
87.5°	2.8	2.6	2.3	2.1	1.7	1.4	0.9	0.5	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: P596861  
 CATALOG NUMBER: MSA-SA1B-835-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: P596861  
 CATALOG NUMBER: MSA-SA1B-835-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	360.1	369.0	367.8	366.5	372.3	378.0	373.8	369.8	365.7	361.5	352.8
5°	364.1	364.8	363.6	362.2	362.4	362.5	359.8	357.0	354.2	351.4	350.9
7.5°	290.8	293.6	297.4	301.1	301.3	301.3	299.2	297.1	294.8	292.7	293.8
10°	205.9	205.2	206.3	207.3	207.1	206.8	212.4	217.9	223.3	228.8	224.9
12.5°	152.4	153.3	149.0	144.6	146.2	147.6	148.5	149.3	150.2	151.1	153.5
15°	92.2	89.6	86.5	83.3	84.9	86.3	87.9	89.2	90.8	92.2	93.8
17.5°	64.2	63.4	62.0	60.4	60.6	60.8	60.9	61.1	61.1	61.3	61.6
20°	55.7	56.3	55.2	54.0	53.7	53.1	52.8	52.4	51.9	51.6	51.0
22.5°	49.1	49.5	49.7	49.7	49.0	48.1	47.4	46.9	46.2	45.5	45.1
25°	44.6	45.0	44.6	44.1	43.8	43.4	43.1	42.5	42.2	41.7	41.5
27.5°	40.8	41.3	41.3	41.2	40.8	40.3	39.4	38.7	37.9	37.0	37.2
30°	36.8	37.5	37.5	37.3	37.2	37.0	36.1	35.2	34.4	33.5	33.9
32.5°	33.9	34.2	34.0	33.9	33.9	33.7	33.0	32.5	31.8	31.1	31.1
35°	30.0	30.2	30.2	30.2	30.2	30.0	29.5	29.0	28.5	28.0	28.1
37.5°	27.3	27.3	27.8	28.1	27.8	27.4	27.1	26.6	26.2	25.7	25.7
40°	24.1	24.1	24.7	25.0	24.7	24.3	24.1	23.8	23.6	23.3	23.3
42.5°	21.4	21.4	21.9	22.2	22.2	22.1	21.7	21.4	21.0	20.7	20.8
45°	17.9	17.7	18.6	19.3	18.9	18.6	18.6	18.4	18.4	18.2	18.4
47.5°	14.8	14.6	15.3	16.0	15.8	15.5	15.5	15.5	15.5	15.5	15.6
50°	12.3	12.0	12.7	13.2	13.0	12.7	12.7	12.8	12.8	12.8	13.0
52.5°	10.6	10.2	10.8	11.1	10.9	10.8	10.8	10.9	10.9	10.9	11.1
55°	9.4	9.0	9.5	9.9	9.7	9.4	9.5	9.5	9.7	9.7	9.7
57.5°	8.3	7.8	8.2	8.5	8.5	8.3	8.5	8.5	8.7	8.7	8.7
60°	7.6	7.1	7.5	7.6	7.6	7.5	7.6	7.6	7.8	7.8	7.8
62.5°	6.8	6.3	6.6	6.8	6.8	6.6	6.8	6.8	6.9	6.9	6.9
65°	6.1	5.6	5.7	5.9	5.9	5.9	6.1	6.1	6.3	6.3	6.3
67.5°	5.7	5.0	5.2	5.4	5.4	5.4	5.6	5.6	5.7	5.7	5.9
70°	5.6	4.9	5.0	5.0	5.2	5.2	5.2	5.4	5.4	5.4	5.4
72.5°	5.4	4.7	4.7	4.7	4.9	4.9	4.9	5.0	5.0	5.0	5.0
75°	5.4	4.7	4.5	4.3	4.5	4.5	4.5	4.7	4.7	4.7	4.7
77.5°	4.7	3.8	3.5	3.0	3.5	3.8	4.0	4.0	4.2	4.2	4.2
80°	1.9	0.9	0.5	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2
82.5°	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.5	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: P596861  
 CATALOG NUMBER: MSA-SA1B-835-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: P596861  
 CATALOG NUMBER: MSA-SA1B-835-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	344.1	335.5	326.8	330.9	335.1	339.3	343.4	343.1	342.6	342.2	341.7
5°	350.6	350.0	349.5	347.1	344.8	342.4	340.0	339.4	338.8	338.2	337.5
7.5°	294.8	295.7	296.7	294.0	291.2	288.4	285.6	278.5	271.4	264.1	257.0
10°	220.9	216.7	212.7	212.4	212.0	211.7	211.3	210.6	209.9	209.1	208.4
12.5°	156.1	158.5	161.0	160.1	159.2	158.2	157.3	158.5	159.9	161.1	162.3
15°	95.2	96.7	98.1	101.2	104.4	107.5	110.6	111.8	113.2	114.4	115.6
17.5°	62.0	62.2	62.5	66.0	69.3	72.8	76.1	78.3	80.6	82.6	84.9
20°	50.5	50.0	49.5	51.4	53.3	55.2	57.1	59.2	61.3	63.4	65.5
22.5°	45.0	44.6	44.3	45.0	45.7	46.2	46.9	48.4	50.2	51.7	53.3
25°	41.3	41.0	40.8	41.2	41.5	41.8	42.2	43.1	43.9	44.8	45.7
27.5°	37.2	37.3	37.3	37.7	37.9	38.2	38.4	38.7	39.2	39.6	39.9
30°	34.0	34.4	34.6	34.9	35.1	35.4	35.6	35.4	35.2	35.1	34.9
32.5°	31.1	30.9	30.9	31.3	31.4	31.8	31.9	32.3	32.6	32.8	33.2
35°	28.1	28.3	28.3	28.3	28.5	28.5	28.5	28.8	29.3	29.7	30.0
37.5°	25.5	25.5	25.4	25.9	26.2	26.7	27.1	27.4	28.0	28.3	28.6
40°	23.3	23.3	23.3	23.6	24.0	24.1	24.5	25.4	26.2	27.1	28.0
42.5°	20.8	21.0	21.0	21.4	21.7	21.9	22.2	22.9	23.4	24.1	24.7
45°	18.6	18.8	18.9	19.3	19.4	19.8	20.0	20.3	20.5	20.8	21.0
47.5°	16.0	16.1	16.3	16.7	16.8	17.2	17.4	17.2	17.2	17.0	16.8
50°	13.4	13.5	13.7	14.2	14.6	15.1	15.5	15.1	14.8	14.2	13.9
52.5°	11.3	11.3	11.5	11.8	12.2	12.3	12.7	12.5	12.3	12.2	12.0
55°	9.7	9.7	9.7	9.9	10.1	10.2	10.4	10.6	10.6	10.8	10.8
57.5°	8.7	8.5	8.5	8.7	8.9	8.9	9.0	9.2	9.2	9.4	9.4
60°	7.8	7.6	7.6	7.8	8.0	8.2	8.3	8.3	8.3	8.2	8.2
62.5°	6.9	6.9	6.9	7.1	7.1	7.3	7.3	7.3	7.5	7.5	7.5
65°	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.4	6.4	6.6	6.6
67.5°	5.9	6.1	6.1	5.9	5.7	5.6	5.4	5.6	5.6	5.7	5.7
70°	5.4	5.4	5.4	5.2	5.0	4.9	4.7	4.7	4.7	4.5	4.5
72.5°	5.0	4.9	4.9	4.7	4.3	4.2	3.8	3.6	3.6	3.5	3.3
75°	4.7	4.5	4.5	4.2	3.8	3.5	3.1	3.0	2.6	2.4	2.1
77.5°	4.2	4.2	4.2	3.6	3.3	2.8	2.3	1.9	1.6	1.0	0.7
80°	1.4	1.6	1.7	1.6	1.6	1.4	1.2	0.9	0.7	0.3	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: P596861  
 CATALOG NUMBER: MSA-SA1B-835-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: P596861  
 CATALOG NUMBER: MSA-SA1B-835-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	343.6	345.5	347.4	349.3	349.5	349.7	349.9	350.0	345.7	341.2	336.8
5°	341.0	344.7	348.1	351.6	349.7	347.8	345.9	344.0	343.8	343.8	343.6
7.5°	257.5	257.8	258.4	258.7	259.4	260.1	260.6	261.3	264.1	266.9	269.5
10°	206.1	203.8	201.4	199.2	197.4	195.5	193.8	191.9	193.3	194.8	196.2
12.5°	160.4	158.5	156.4	154.5	153.8	153.1	152.3	151.6	156.1	160.6	165.0
15°	115.3	114.9	114.4	114.1	116.3	118.6	120.8	123.1	126.9	130.6	134.4
17.5°	85.8	86.6	87.5	88.4	89.8	91.2	92.4	93.8	96.5	99.5	102.3
20°	66.5	67.7	68.8	69.8	69.5	69.1	68.6	68.2	70.5	72.8	74.8
22.5°	54.3	55.2	56.3	57.1	57.3	57.5	57.6	57.8	59.2	60.4	61.8
25°	46.5	47.6	48.4	49.3	49.5	49.7	49.8	50.0	51.7	53.5	55.0
27.5°	41.2	42.2	43.4	44.4	44.8	45.1	45.5	45.8	46.9	47.7	48.8
30°	36.3	37.7	39.1	40.5	41.0	41.5	42.0	42.5	43.6	44.8	45.8
32.5°	33.9	34.7	35.4	36.1	37.3	38.4	39.6	40.6	41.8	43.2	44.4
35°	31.1	31.9	33.0	33.9	34.7	35.6	36.3	37.2	37.9	38.5	39.1
37.5°	29.3	30.2	30.9	31.6	31.9	32.3	32.5	32.8	33.2	33.5	33.7
40°	28.0	27.8	27.8	27.6	28.0	28.5	28.8	29.2	30.2	31.1	32.1
42.5°	24.3	23.8	23.4	22.9	23.8	24.5	25.4	26.0	27.4	28.8	30.2
45°	20.7	20.3	19.8	19.4	20.7	21.9	23.1	24.3	25.9	27.3	28.8
47.5°	17.0	17.2	17.2	17.4	18.6	19.8	20.8	22.1	23.6	25.2	26.7
50°	14.2	14.6	14.9	15.3	16.5	17.5	18.8	19.8	21.5	23.1	24.8
52.5°	12.5	13.0	13.4	13.9	14.9	16.1	17.2	18.2	19.8	21.4	22.9
55°	11.3	12.0	12.5	13.0	13.9	14.8	15.6	16.5	18.1	19.6	21.0
57.5°	9.9	10.4	10.9	11.5	12.3	13.2	13.9	14.8	16.1	17.7	19.1
60°	8.7	9.0	9.5	9.9	10.6	11.5	12.2	12.8	14.2	15.6	16.8
62.5°	7.6	8.0	8.2	8.3	9.0	9.7	10.4	11.1	12.3	13.7	14.9
65°	6.8	6.9	6.9	7.1	7.6	8.3	8.9	9.4	10.8	12.0	13.4
67.5°	5.7	5.9	5.9	5.9	6.4	6.9	7.5	8.0	9.2	10.6	11.8
70°	4.5	4.7	4.7	4.7	5.2	5.9	6.4	6.9	8.0	9.0	10.1
72.5°	3.5	3.5	3.6	3.6	4.2	4.9	5.4	5.9	6.8	7.6	8.5
75°	2.3	2.4	2.4	2.6	3.1	3.8	4.3	4.9	5.7	6.6	7.3
77.5°	0.9	1.2	1.4	1.6	2.1	2.6	3.1	3.6	4.3	5.2	5.9
80°	0.0	0.2	0.2	0.2	0.5	0.7	1.0	1.2	1.7	2.4	3.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596861  
 CATALOG NUMBER: MSA-SA1B-835-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: P596861  
 CATALOG NUMBER: MSA-SA1B-835-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	332.3	341.9	351.4	361.0	370.5	382.3	394.1	395.9	397.6	395.5	393.6
5°	343.4	348.1	352.6	357.3	361.8	375.4	388.8	388.9	388.9	389.1	389.1
7.5°	272.3	276.2	280.2	284.1	288.1	296.9	305.8	309.1	312.2	311.5	310.8
10°	197.6	202.8	207.8	213.0	218.1	226.2	234.4	237.5	240.5	250.0	259.8
12.5°	169.5	174.5	179.5	184.4	189.4	197.8	206.1	212.2	218.1	224.0	229.9
15°	138.0	142.0	146.2	150.2	154.2	158.0	161.8	169.3	176.6	182.5	188.4
17.5°	105.0	106.8	108.3	110.1	111.6	113.4	115.1	118.2	121.2	126.4	131.4
20°	77.1	78.5	79.9	81.1	82.5	84.2	85.9	88.2	90.3	91.5	92.5
22.5°	63.0	65.1	67.2	69.1	71.2	72.4	73.6	74.3	75.0	75.5	76.1
25°	56.8	58.7	60.4	62.3	64.1	64.6	65.1	66.5	67.9	67.9	67.9
27.5°	49.7	52.3	55.0	57.6	60.3	60.9	61.5	62.0	62.3	61.6	60.8
30°	46.9	49.5	52.1	54.5	57.1	58.2	59.0	59.6	60.1	59.2	58.3
32.5°	45.7	48.1	50.4	52.8	55.0	56.4	57.6	59.0	60.3	60.4	60.8
35°	39.8	41.3	43.1	44.6	46.2	46.9	47.6	48.1	48.4	48.4	48.4
37.5°	34.0	36.1	38.4	40.5	42.5	44.1	45.7	45.8	45.8	46.2	46.7
40°	33.0	35.1	37.2	39.1	41.2	42.9	44.4	44.6	44.8	45.1	45.5
42.5°	31.6	33.9	36.1	38.4	40.6	42.4	43.9	43.9	43.8	44.3	44.6
45°	30.2	32.5	34.6	36.8	38.9	41.2	43.2	42.7	42.0	42.9	43.6
47.5°	28.3	30.7	33.2	35.4	37.9	39.9	41.8	41.5	41.0	41.8	42.7
50°	26.4	28.8	31.3	33.7	36.1	38.4	40.5	40.1	39.8	40.8	41.7
52.5°	24.5	26.9	29.5	31.9	34.4	36.3	38.0	37.9	37.7	38.7	39.9
55°	22.6	24.8	27.3	29.5	31.8	33.9	35.8	35.4	35.1	35.9	36.8
57.5°	20.5	22.7	24.8	27.1	29.2	30.9	32.5	31.9	31.4	32.5	33.5
60°	18.2	20.3	22.4	24.3	26.4	27.8	29.0	28.6	28.1	29.2	30.2
62.5°	16.1	18.1	20.0	21.7	23.6	24.7	25.7	25.4	25.0	26.0	27.3
65°	14.6	16.1	17.5	19.1	20.5	21.5	22.6	22.1	21.5	22.7	23.8
67.5°	13.0	14.2	15.6	16.8	18.1	18.9	19.8	19.4	18.9	19.8	20.7
70°	11.1	12.3	13.5	14.6	15.8	16.7	17.5	17.0	16.3	17.2	18.1
72.5°	9.4	10.4	11.5	12.3	13.4	14.1	14.8	14.2	13.7	14.4	15.1
75°	8.2	9.0	9.9	10.6	11.5	11.8	12.2	12.0	11.6	12.3	12.8
77.5°	6.6	7.3	8.2	8.9	9.5	9.5	9.5	9.7	9.7	10.4	11.3
80°	3.5	4.2	4.9	5.4	6.1	6.1	5.9	6.3	6.4	7.3	8.2
82.5°	0.0	0.5	1.0	1.6	2.1	1.9	1.6	1.7	1.7	2.1	2.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
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: P596861  
 CATALOG NUMBER: MSA-SA1B-835-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: P596861  
 CATALOG NUMBER: MSA-SA1B-835-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	391.5	389.5	388.1	386.9	385.5	384.1	385.8	387.5	389.1	390.8	396.1
5°	389.3	389.3	388.1	386.9	385.6	384.4	387.0	389.5	392.1	394.5	394.3
7.5°	309.9	309.2	316.5	323.6	330.9	338.1	340.0	341.9	343.6	345.5	345.0
10°	269.3	278.9	282.0	285.1	288.2	291.4	295.2	299.0	302.8	306.6	308.0
12.5°	235.8	241.7	251.8	261.7	271.7	281.6	286.7	291.9	296.9	301.9	311.8
15°	194.3	200.2	208.9	217.6	226.2	234.9	242.9	251.1	259.1	267.0	279.0
17.5°	136.6	141.7	148.3	154.9	161.3	167.9	180.2	192.6	204.9	217.2	229.9
20°	93.8	94.8	97.9	101.2	104.4	107.5	118.6	129.9	141.0	152.1	168.8
22.5°	76.4	76.9	78.5	80.0	81.4	83.0	88.7	94.6	100.4	106.1	119.6
25°	67.7	67.7	68.8	69.8	70.8	71.9	75.0	78.1	81.1	84.2	92.9
27.5°	60.1	59.2	60.8	62.3	63.9	65.5	67.7	70.1	72.4	74.7	80.6
30°	57.5	56.6	58.5	60.4	62.3	64.2	66.5	68.8	70.8	73.1	77.1
32.5°	60.9	61.1	61.8	62.5	63.0	63.7	64.8	66.0	67.0	68.1	71.5
35°	48.4	48.4	49.7	50.9	51.9	53.1	55.0	57.0	58.9	60.8	64.4
37.5°	47.1	47.4	48.4	49.7	50.7	51.7	54.2	56.8	59.2	61.6	64.6
40°	45.7	46.0	47.4	48.8	50.2	51.6	54.0	56.3	58.7	60.9	63.7
42.5°	45.1	45.5	47.2	49.1	50.9	52.6	54.7	56.8	58.7	60.8	64.6
45°	44.4	45.1	47.2	49.5	51.6	53.7	55.6	57.5	59.4	61.3	66.0
47.5°	43.4	44.3	46.7	49.0	51.4	53.7	57.3	61.1	64.8	68.4	70.7
50°	42.7	43.6	46.2	48.8	51.4	54.0	59.9	65.8	71.5	77.4	76.2
52.5°	41.0	42.0	45.3	48.6	51.9	55.2	60.4	65.6	70.8	76.1	73.6
55°	37.7	38.5	42.4	46.2	49.8	53.7	57.5	61.3	64.9	68.8	66.0
57.5°	34.4	35.4	39.1	42.7	46.2	49.8	51.7	53.7	55.6	57.5	56.4
60°	31.3	32.3	37.2	42.0	46.9	51.7	50.0	48.3	46.4	44.6	45.8
62.5°	28.3	29.3	34.0	38.5	43.2	47.7	45.3	42.9	40.5	38.0	39.9
65°	25.0	26.0	27.8	29.7	31.4	33.2	33.0	32.6	32.5	32.1	34.2
67.5°	21.5	22.4	23.3	24.3	25.2	26.0	26.6	27.3	27.8	28.3	30.0
70°	18.8	19.6	20.7	21.5	22.6	23.4	23.8	24.1	24.3	24.7	26.2
72.5°	15.6	16.3	17.7	19.1	20.3	21.7	21.9	21.9	22.1	22.1	23.3
75°	13.5	14.1	15.1	16.1	17.0	18.1	18.6	19.1	19.4	20.0	20.7
77.5°	12.0	12.7	13.0	13.2	13.5	13.7	14.1	14.4	14.8	15.1	15.3
80°	8.9	9.7	10.1	10.2	10.6	10.8	10.8	10.6	10.6	10.4	10.6
82.5°	2.8	3.1	3.6	4.2	4.7	5.2	5.4	5.6	5.6	5.7	5.6
85°	0.5	0.7	1.0	1.4	1.6	1.9	1.7	1.4	1.2	0.9	0.7
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: P596861  
 CATALOG NUMBER: MSA-SA1B-835-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: P596861  
 CATALOG NUMBER: MSA-SA1B-835-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	401.3	406.3	411.5	409.4	407.3	405.3	403.2	403.5	404.0	404.4	404.7
5°	394.1	393.8	393.6	399.5	405.6	411.5	417.4	423.8	430.4	436.9	443.3
7.5°	344.5	343.8	343.3	350.9	358.5	366.2	373.8	382.7	391.7	400.6	409.4
10°	309.4	310.8	312.2	315.3	318.6	321.7	324.9	333.4	341.9	350.2	358.7
12.5°	321.7	331.5	341.4	343.3	345.0	346.9	348.7	349.9	351.1	352.3	353.5
15°	291.2	303.2	315.1	320.2	325.0	330.1	334.9	347.8	360.5	373.3	386.0
17.5°	242.6	255.1	267.7	282.8	298.0	313.1	328.2	342.1	355.9	369.8	383.7
20°	185.6	202.3	218.9	238.0	257.3	276.4	295.5	309.4	323.1	337.0	350.7
22.5°	133.3	146.9	160.4	183.5	206.4	229.5	252.5	276.6	300.9	325.0	349.2
25°	101.6	110.1	118.8	141.5	164.3	186.8	209.6	242.7	275.9	309.1	342.2
27.5°	86.3	92.2	97.9	118.4	138.9	159.2	179.7	219.1	258.5	298.0	337.4
30°	81.3	85.3	89.2	106.6	124.1	141.5	158.9	198.8	238.7	278.7	318.6
32.5°	75.0	78.3	81.8	97.1	112.3	127.4	142.7	181.8	220.9	259.8	298.8
35°	67.9	71.5	75.0	90.3	105.6	120.7	136.0	176.4	216.9	257.3	297.8
37.5°	67.4	70.3	73.1	90.8	108.7	126.4	144.1	184.6	225.0	265.3	305.8
40°	66.7	69.5	72.2	90.3	108.2	126.2	144.1	186.5	228.8	271.2	313.6
42.5°	68.4	72.1	75.9	91.9	107.8	123.6	139.6	184.2	228.8	273.3	317.9
45°	70.8	75.5	80.2	94.8	109.4	124.0	138.6	187.0	235.4	283.7	332.2
47.5°	73.1	75.4	77.6	91.5	105.2	119.1	132.8	182.3	231.8	281.3	330.8
50°	75.2	74.0	72.8	88.0	103.3	118.4	133.7	180.9	228.0	275.2	322.3
52.5°	71.0	68.6	66.0	82.3	98.6	114.8	131.1	178.7	226.2	273.8	321.4
55°	63.2	60.4	57.6	73.8	89.8	105.9	121.9	169.3	216.7	264.1	311.5
57.5°	55.2	54.2	53.0	65.3	77.6	89.8	102.1	154.7	207.5	260.1	312.7
60°	47.1	48.1	49.3	58.2	67.0	75.7	84.6	136.1	187.5	239.1	290.5
62.5°	41.7	43.6	45.3	52.8	60.4	67.9	75.4	124.0	172.6	221.2	269.8
65°	36.5	38.5	40.6	49.5	58.5	67.4	76.2	117.4	158.5	199.7	240.8
67.5°	31.8	33.3	35.1	46.7	58.3	70.0	81.6	115.3	148.8	182.5	216.0
70°	27.8	29.2	30.7	44.3	57.8	71.4	84.9	113.6	142.4	171.0	199.7
72.5°	24.5	25.7	26.9	40.6	54.3	68.1	81.8	107.3	132.7	158.2	183.5
75°	21.4	21.9	22.6	34.2	45.7	57.3	68.8	85.8	103.0	120.0	137.0
77.5°	15.5	15.5	15.6	19.1	22.4	25.9	29.2	39.8	50.4	60.8	71.4
80°	10.6	10.8	10.8	12.2	13.4	14.8	16.0	18.2	20.3	22.6	24.7
82.5°	5.4	5.0	4.9	6.3	7.6	9.0	10.4	10.9	11.3	11.8	12.2
85°	0.5	0.2	0.0	0.9	1.7	2.6	3.5	4.2	4.9	5.6	6.3
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: P596861  
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**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: P596861

CATALOG NUMBER: MSA-SA1B-835-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	403.3	402.0	400.6	399.2	407.7	416.4	424.9	433.4	457.5	473.3	471.6
5°	449.5	455.8	462.0	468.3	478.4	488.6	498.7	508.7	544.5	566.4	569.5
7.5°	419.1	428.7	438.4	448.0	467.4	486.7	506.1	525.4	554.8	577.5	590.3
10°	369.7	380.6	391.4	402.3	424.2	446.2	468.1	490.0	523.0	554.4	570.6
12.5°	370.7	387.9	405.1	422.3	441.4	460.5	479.4	498.5	518.6	529.2	552.0
15°	399.5	413.1	426.6	440.2	465.2	490.2	515.0	540.0	552.0	577.5	604.1
17.5°	410.1	436.7	463.1	489.5	520.7	551.8	583.1	614.1	636.7	672.1	699.6
20°	390.5	430.3	469.8	509.6	552.5	595.4	638.3	681.2	705.8	739.5	781.9
22.5°	391.4	433.6	475.6	517.8	577.0	636.0	695.2	754.3	820.4	885.3	906.0
25°	397.4	452.7	507.7	562.9	631.3	699.7	768.1	836.6	916.4	984.7	1012.1
27.5°	399.5	461.7	523.7	585.8	683.1	780.3	877.5	974.8	1070.1	1147.2	1176.5
30°	394.5	470.5	546.4	622.3	741.6	860.9	980.2	1099.4	1189.9	1279.7	1316.1
32.5°	395.7	492.6	589.5	686.4	826.8	967.5	1107.9	1248.4	1306.2	1387.1	1451.4
35°	404.0	510.3	616.4	722.7	878.1	1033.5	1188.9	1344.3	1439.1	1524.5	1579.0
37.5°	423.5	541.2	658.8	776.5	967.5	1158.6	1349.6	1540.6	1687.4	1834.1	1859.1
40°	437.9	562.2	686.5	810.9	1032.6	1254.3	1476.0	1697.8	1863.8	2023.0	2040.0
42.5°	454.2	590.3	726.6	862.8	1110.7	1358.7	1606.6	1854.6	2046.8	2209.1	2220.4
45°	472.1	612.2	752.2	892.1	1151.9	1411.5	1671.2	1930.8	2155.3	2343.9	2301.3
47.5°	480.6	630.5	780.3	930.1	1208.6	1487.0	1765.5	2043.8	2245.2	2411.6	2361.9
50°	487.2	652.0	816.9	981.7	1273.8	1565.8	1857.9	2149.9	2351.8	2505.3	2427.5
52.5°	505.8	690.0	874.4	1058.6	1369.3	1679.7	1990.3	2300.8	2496.1	2637.1	2528.1
55°	523.8	736.0	948.4	1160.6	1494.6	1828.9	2162.9	2497.0	2691.5	2812.3	2664.2
57.5°	546.6	780.6	1014.5	1248.4	1605.7	1963.1	2320.2	2677.6	2867.7	3001.2	2847.4
60°	540.7	790.7	1040.9	1291.0	1654.9	2018.8	2382.7	2746.7	2972.6	3136.7	3032.3
62.5°	517.8	765.7	1013.5	1261.4	1618.9	1976.3	2333.8	2691.1	2961.8	3184.1	3149.0
65°	471.4	701.8	932.4	1162.8	1504.2	1845.7	2187.1	2528.4	2862.5	3145.3	3157.8
67.5°	410.5	604.9	799.2	993.7	1312.1	1630.6	1948.8	2267.3	2661.6	2991.5	3028.7
70°	345.9	491.9	638.1	784.1	1064.4	1344.6	1624.7	1904.9	2314.9	2646.8	2717.0
72.5°	277.3	371.2	465.0	558.7	761.0	963.1	1165.4	1367.5	1728.2	1985.8	2108.2
75°	179.7	222.4	265.1	307.8	442.6	577.2	711.9	846.5	1085.9	1275.7	1414.1
77.5°	80.0	88.7	97.2	105.9	209.9	313.9	417.9	521.9	625.9	740.5	773.0
80°	28.6	32.5	36.5	40.3	91.3	142.6	193.6	244.6	295.0	354.2	368.6
82.5°	12.0	12.0	11.8	11.6	29.9	48.1	66.3	84.6	97.8	112.3	115.1
85°	4.9	3.6	2.3	0.9	3.8	6.9	9.9	12.8	20.7	18.8	34.7
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: P596861  
 CATALOG NUMBER: MSA-SA1B-835-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: P596861

CATALOG NUMBER: MSA-SA1B-835-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	465.0	464.6	464.3	463.9	463.6	457.3	451.3	445.0	438.9	446.6	454.2
5°	564.5	573.5	582.5	591.7	600.8	603.4	606.0	608.6	611.2	616.7	622.3
7.5°	601.1	616.4	631.5	646.8	661.9	675.9	689.8	703.9	718.0	714.5	711.0
10°	588.4	616.0	643.7	671.4	699.0	705.1	711.2	717.4	723.5	739.3	755.1
12.5°	574.7	607.9	641.0	674.2	707.4	725.8	744.0	762.4	780.8	796.8	812.8
15°	639.8	661.0	682.2	703.6	724.7	740.9	756.9	773.0	789.0	800.1	811.0
17.5°	725.4	735.9	746.3	756.9	767.3	780.0	792.6	805.3	818.0	824.6	831.2
20°	815.9	820.4	824.9	829.4	834.0	823.9	813.8	803.7	793.7	799.9	806.0
22.5°	906.7	908.3	910.0	911.6	913.1	889.7	866.2	842.8	819.4	809.5	799.6
25°	1046.5	1035.0	1023.6	1012.1	1000.6	972.9	945.1	917.3	889.5	865.0	840.6
27.5°	1197.9	1159.0	1120.3	1081.4	1042.7	1014.9	987.1	959.3	931.5	894.7	857.9
30°	1350.5	1287.8	1225.3	1162.6	1100.1	1067.1	1034.2	1001.0	968.0	931.2	894.6
32.5°	1490.5	1415.1	1339.7	1264.2	1188.9	1133.3	1077.7	1022.2	966.6	940.9	915.2
35°	1606.4	1517.4	1428.3	1339.0	1250.0	1194.9	1139.9	1084.9	1029.8	991.6	953.6
37.5°	1804.7	1704.5	1604.4	1504.2	1404.0	1328.8	1253.8	1178.6	1103.4	1077.9	1052.4
40°	1987.6	1861.3	1735.1	1608.9	1482.6	1419.6	1356.8	1293.7	1230.9	1189.0	1147.4
42.5°	2132.9	1999.9	1867.1	1734.1	1601.1	1538.7	1476.6	1414.2	1351.9	1323.9	1296.2
45°	2164.3	2039.0	1913.8	1788.4	1663.0	1626.8	1590.6	1554.4	1518.2	1499.0	1479.9
47.5°	2226.3	2090.4	1954.6	1818.6	1682.7	1666.3	1650.0	1633.5	1617.2	1626.4	1635.6
50°	2261.0	2122.3	1983.6	1844.8	1706.1	1710.8	1715.3	1720.0	1724.7	1790.0	1855.1
52.5°	2328.4	2188.3	2048.2	1908.0	1767.9	1797.4	1826.8	1856.3	1885.6	1975.6	2065.3
55°	2448.7	2311.0	2173.3	2035.5	1897.8	1936.7	1975.6	2014.6	2053.5	2149.0	2244.4
57.5°	2627.0	2490.4	2353.9	2217.3	2080.8	2119.5	2158.2	2197.0	2235.7	2322.0	2408.1
60°	2851.6	2711.3	2571.1	2430.8	2290.7	2305.3	2319.7	2334.3	2348.9	2441.6	2534.2
62.5°	3026.4	2897.4	2768.6	2639.5	2510.7	2494.6	2478.6	2462.4	2446.5	2517.0	2587.3
65°	3067.0	2976.2	2885.6	2794.8	2704.0	2654.3	2604.8	2555.2	2505.5	2534.0	2562.5
67.5°	2950.7	2889.4	2828.3	2767.0	2705.7	2602.0	2498.4	2394.6	2290.9	2275.8	2260.7
70°	2680.7	2647.2	2613.9	2580.3	2547.0	2387.3	2227.7	2068.0	1908.4	1870.0	1831.6
72.5°	2115.4	2136.2	2157.0	2178.0	2198.9	2027.8	1857.0	1686.0	1514.9	1466.3	1417.9
75°	1491.7	1562.3	1633.0	1703.7	1774.3	1618.4	1462.7	1306.8	1150.8	1104.1	1057.6
77.5°	808.8	941.3	1073.7	1206.2	1338.7	1210.0	1081.6	952.9	824.2	791.8	759.5
80°	383.4	459.8	536.0	612.4	688.8	659.8	630.8	601.6	572.6	579.8	586.9
82.5°	117.5	172.8	228.0	283.2	338.4	342.7	346.9	351.3	355.6	366.4	377.0
85°	39.4	54.0	68.6	83.2	97.8	123.5	149.1	175.0	200.7	184.0	167.6
87.5°	0.0	0.5	0.9	1.4	1.7	5.4	9.0	12.7	16.3	14.1	12.0
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: P596861  
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**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: P596861

CATALOG NUMBER: MSA-SA1B-835-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	462.0	469.7	469.8	470.2	470.4	470.5	471.4	472.3	473.3	474.2	468.5
5°	628.0	633.6	623.3	613.1	602.7	592.4	601.6	610.8	620.0	629.2	625.2
7.5°	707.4	703.9	702.7	701.6	700.4	699.4	702.9	706.3	709.8	713.3	712.9
10°	770.9	786.7	790.5	794.4	798.4	802.2	794.2	786.2	778.2	770.2	766.9
12.5°	828.7	844.7	857.4	870.1	882.9	895.6	884.1	872.8	861.4	850.1	839.3
15°	822.1	833.1	843.5	853.9	864.3	874.8	870.9	867.3	863.5	859.7	857.9
17.5°	837.9	844.5	842.1	839.7	837.1	834.6	833.4	832.4	831.2	830.0	825.8
20°	812.2	818.5	816.9	815.5	814.0	812.4	811.4	810.3	809.3	808.3	805.0
22.5°	789.7	779.8	777.2	774.7	772.1	769.7	770.1	770.4	770.6	770.9	785.9
25°	816.1	791.6	782.0	772.5	762.8	753.2	757.6	761.7	766.1	770.4	791.9
27.5°	820.9	784.1	768.8	753.6	738.3	723.0	738.6	754.3	769.9	785.5	820.4
30°	857.7	821.1	799.7	778.6	757.2	736.0	756.0	776.0	795.9	815.9	853.7
32.5°	889.3	863.6	848.4	833.1	817.8	802.5	803.4	804.1	805.0	805.8	859.1
35°	915.4	877.4	863.5	849.8	835.9	822.1	842.8	863.5	884.1	904.8	952.7
37.5°	1026.9	1001.3	975.8	950.5	924.9	899.6	916.1	932.6	949.2	965.7	1018.7
40°	1105.5	1063.8	1057.2	1050.8	1044.2	1037.8	1046.3	1054.6	1063.1	1071.7	1118.0
42.5°	1268.2	1240.3	1222.4	1204.7	1186.8	1169.1	1175.8	1182.6	1189.6	1196.3	1240.3
45°	1460.6	1441.3	1429.5	1417.7	1405.7	1393.9	1383.7	1373.6	1363.4	1353.3	1397.9
47.5°	1644.8	1654.0	1680.1	1705.9	1732.0	1757.8	1736.7	1715.5	1694.1	1672.9	1673.1
50°	1920.4	1985.5	1998.7	2011.7	2024.9	2037.9	1992.8	1947.6	1902.3	1857.2	1851.8
52.5°	2155.3	2245.1	2249.7	2254.4	2259.3	2264.0	2245.8	2227.5	2209.1	2190.9	2142.4
55°	2339.9	2435.2	2441.6	2447.9	2454.3	2460.5	2444.6	2428.8	2412.8	2396.8	2347.8
57.5°	2494.4	2580.5	2584.3	2588.0	2591.8	2595.6	2596.8	2598.1	2599.4	2600.7	2534.5
60°	2626.9	2719.6	2712.0	2704.5	2696.8	2689.4	2677.9	2666.5	2655.0	2643.5	2600.8
62.5°	2657.8	2728.3	2716.5	2704.8	2693.0	2681.4	2671.7	2662.1	2652.4	2642.7	2615.4
65°	2590.9	2619.4	2607.3	2595.1	2582.8	2570.6	2564.4	2558.3	2552.0	2545.8	2542.3
67.5°	2245.4	2230.3	2244.7	2259.1	2273.5	2287.9	2307.6	2327.2	2347.0	2366.6	2355.1
70°	1793.1	1754.7	1770.7	1786.5	1802.5	1818.3	1848.0	1877.7	1907.5	1937.2	1929.2
72.5°	1369.3	1320.6	1322.9	1325.2	1327.6	1329.8	1329.0	1328.3	1327.4	1326.5	1340.4
75°	1010.9	964.2	942.1	920.1	898.0	876.0	870.6	865.2	859.8	854.4	880.3
77.5°	727.0	694.7	679.6	664.7	649.6	634.6	642.3	649.9	657.7	665.4	674.4
80°	594.2	601.3	589.7	578.2	566.6	554.9	563.6	572.1	580.8	589.5	562.6
82.5°	387.7	398.3	362.5	326.8	291.0	255.2	276.9	298.6	320.5	342.2	331.1
85°	150.9	134.4	114.6	95.0	75.2	55.4	72.1	88.7	105.4	122.1	133.2
87.5°	9.7	7.6	6.1	4.5	2.8	1.2	2.6	4.0	5.6	6.9	11.6
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



REPORT NUMBER: P596861  
 CATALOG NUMBER: MSA-SA1B-835-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: P596861

CATALOG NUMBER: MSA-SA1B-835-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1	367.1
2.5°	462.9	457.2	451.6	440.7	429.7	418.8	407.9	423.1	438.4	453.7	469.0
5°	621.4	617.4	613.6	614.7	615.7	616.9	618.0	620.2	622.5	624.6	626.8
7.5°	712.8	712.4	712.1	704.1	696.1	687.9	679.9	683.9	687.9	691.9	695.9
10°	763.8	760.5	757.2	739.7	722.1	704.4	686.9	679.2	671.4	663.8	656.2
12.5°	828.6	817.6	806.9	788.1	769.5	750.8	732.0	725.1	718.0	711.0	703.9
15°	856.4	854.6	853.1	839.7	826.1	812.8	799.2	775.4	751.5	727.7	703.9
17.5°	821.6	817.3	813.1	834.3	855.3	876.5	897.7	873.0	848.4	823.7	799.1
20°	801.7	798.4	795.1	834.5	873.7	913.1	952.4	941.4	930.3	919.4	908.4
22.5°	800.8	815.9	830.8	865.4	899.8	934.3	968.7	987.6	1006.7	1025.6	1044.6
25°	813.5	835.2	856.7	914.0	971.3	1028.8	1086.1	1107.8	1129.3	1151.0	1172.5
27.5°	855.1	890.0	924.8	974.8	1024.8	1075.0	1125.0	1172.4	1219.9	1267.3	1314.7
30°	891.4	929.3	967.1	1026.7	1086.1	1145.6	1205.0	1264.4	1323.8	1383.1	1442.5
32.5°	912.4	965.9	1019.2	1091.6	1163.9	1236.3	1308.7	1373.8	1438.9	1503.8	1568.9
35°	1000.6	1048.7	1096.7	1176.7	1256.7	1337.0	1417.0	1497.6	1578.1	1658.5	1739.1
37.5°	1071.7	1124.8	1177.7	1265.3	1352.6	1440.1	1527.6	1638.9	1750.4	1861.7	1973.0
40°	1164.4	1210.7	1257.1	1339.0	1420.8	1502.8	1584.7	1725.9	1867.1	2008.0	2149.2
42.5°	1284.0	1327.9	1371.9	1459.5	1547.2	1634.9	1722.6	1878.9	2035.1	2191.2	2347.5
45°	1442.5	1487.3	1532.0	1601.8	1671.6	1741.4	1811.2	1977.3	2143.3	2309.5	2475.5
47.5°	1673.3	1673.5	1673.6	1724.0	1774.3	1824.9	1875.2	2042.6	2209.8	2377.2	2544.4
50°	1846.4	1840.8	1835.5	1861.5	1887.4	1913.4	1939.5	2093.5	2247.7	2401.7	2555.7
52.5°	2094.2	2045.7	1997.5	2012.9	2028.2	2043.6	2058.9	2189.3	2319.9	2450.3	2580.7
55°	2299.1	2250.1	2201.1	2195.4	2189.7	2183.9	2178.2	2298.2	2418.2	2538.1	2658.1
57.5°	2468.5	2402.4	2336.4	2323.2	2310.2	2297.0	2283.8	2410.4	2536.8	2663.3	2789.7
60°	2558.3	2515.6	2472.9	2464.4	2455.7	2447.2	2438.5	2542.3	2646.1	2750.0	2853.8
62.5°	2588.3	2561.1	2534.0	2550.0	2565.9	2582.1	2598.1	2643.7	2689.2	2734.9	2780.4
65°	2539.0	2535.5	2532.1	2564.9	2597.5	2630.3	2663.2	2651.9	2640.4	2629.1	2617.8
67.5°	2343.9	2332.4	2321.1	2393.2	2465.0	2537.1	2609.2	2554.5	2499.6	2444.9	2390.2
70°	1921.2	1913.1	1905.1	2008.9	2112.7	2216.8	2320.6	2254.3	2187.9	2121.6	2055.3
72.5°	1354.2	1368.0	1381.9	1504.3	1626.6	1749.0	1871.2	1804.4	1737.5	1670.7	1603.8
75°	906.0	931.9	957.8	1083.8	1209.9	1336.1	1462.2	1383.7	1305.2	1226.7	1148.2
77.5°	683.4	692.4	701.5	781.2	860.9	940.7	1020.4	955.7	890.7	826.0	761.0
80°	535.7	508.6	481.7	507.9	534.1	560.3	586.5	547.8	509.1	470.5	431.8
82.5°	320.0	308.9	297.8	312.0	326.1	340.3	354.6	337.9	321.0	304.4	287.5
85°	144.1	155.2	166.2	180.6	194.8	209.2	223.6	200.4	177.1	153.8	130.6
87.5°	16.1	20.8	25.5	31.6	37.7	43.8	49.8	38.9	27.8	16.8	5.9
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):**

	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°	367.1	367.1
2.5°	477.8	486.7
5°	626.6	626.3
7.5°	685.5	674.9
10°	646.4	636.7
12.5°	679.1	654.2
15°	685.2	666.4
17.5°	768.5	737.8
20°	869.0	829.4
22.5°	990.4	936.0
25°	1107.9	1043.4
27.5°	1276.0	1237.1
30°	1403.3	1363.9
32.5°	1542.2	1515.5
35°	1712.5	1685.8
37.5°	1979.9	1986.7
40°	2153.4	2157.5
42.5°	2363.6	2379.8
45°	2493.5	2511.6
47.5°	2569.6	2594.8
50°	2596.3	2636.9
52.5°	2630.9	2680.9
55°	2713.9	2769.6
57.5°	2834.2	2878.6
60°	2855.9	2858.0
62.5°	2748.2	2716.1
65°	2583.6	2549.4
67.5°	2369.6	2348.7
70°	2027.8	2000.4
72.5°	1552.8	1501.7
75°	1085.0	1021.8
77.5°	727.9	694.7
80°	432.9	433.7
82.5°	295.5	303.3
85°	129.0	127.3
87.5°	4.2	2.3
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)