

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: P596840

Luminaire Tested: **MSA-SA1A-835-U-SLR**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P596840  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)  
Test Lab: INNOVATIONS CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: MSA-SA1A-835-U-SLR  
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2854 lumens  
Efficiency: N/A  
Efficacy: 83.9 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

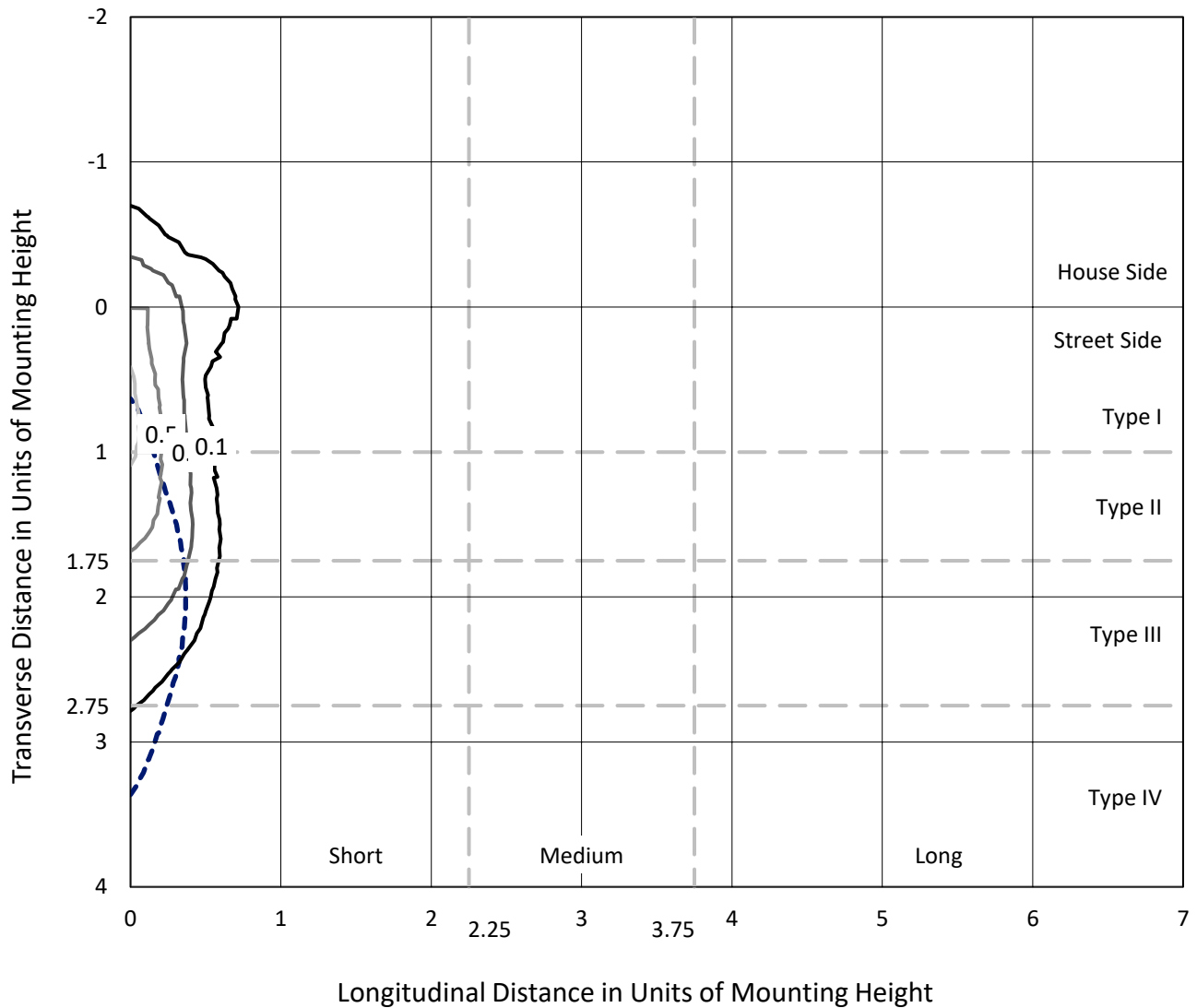
Input Watts (W): 34  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

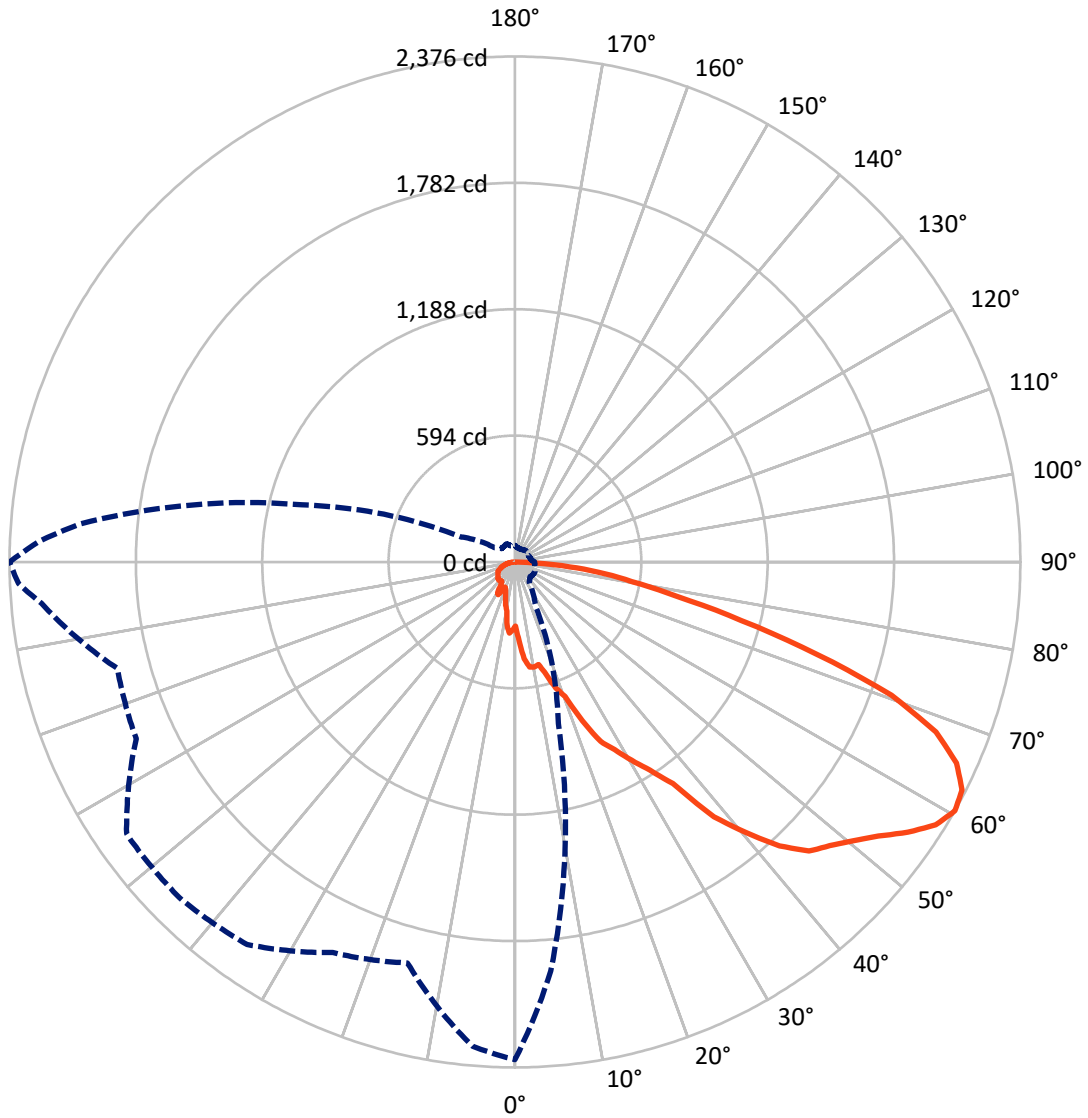
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 270-Deg Lateral    - - - Horizontal Cone Through 60-Deg Vertical

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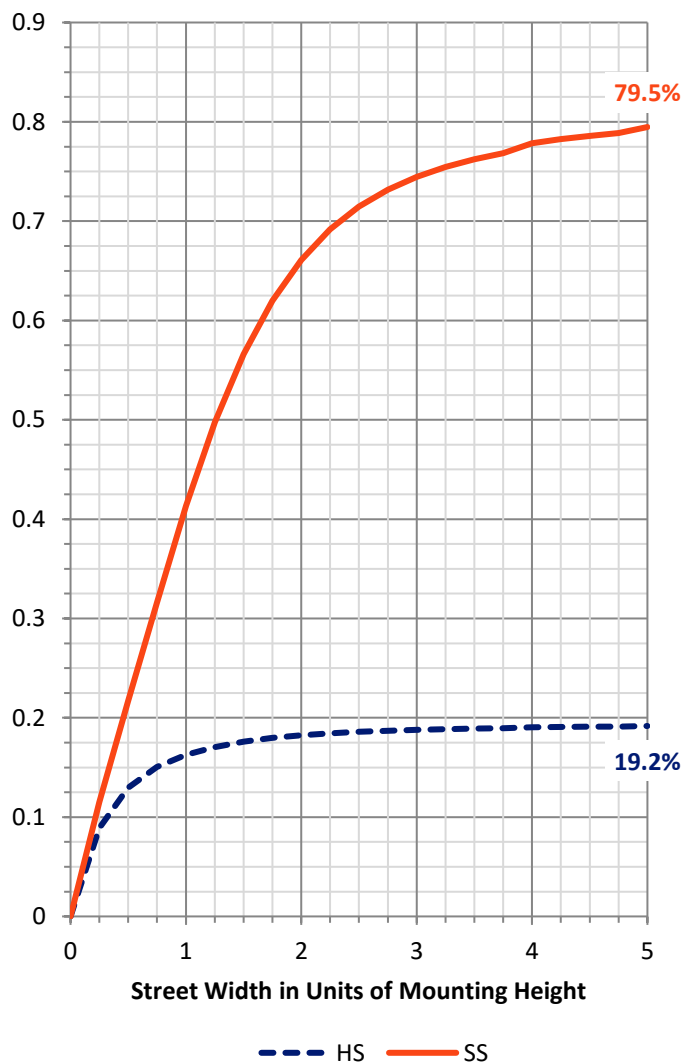
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	552.8	0.0	552.8
	% Fixture	19.4	0.0	19.4
<b>Street Side</b>	Lumens	2301.2	0.0	2301.2
	% Fixture	80.6	0.0	80.6
<b>Total</b>	Lumens	2854.0	0.0	2854.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	34.5	1.2
10°-20°	100.3	3.5
20°-30°	177.0	6.2
30°-40°	275.7	9.7
40°-50°	453.9	15.9
50°-60°	647.9	22.7
60°-70°	687.0	24.1
70°-80°	379.5	13.3
80°-90°	98.2	3.4
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°	2854.0	100.0
0°-180°	2854.0	100.0

**Coefficient of Utilization**



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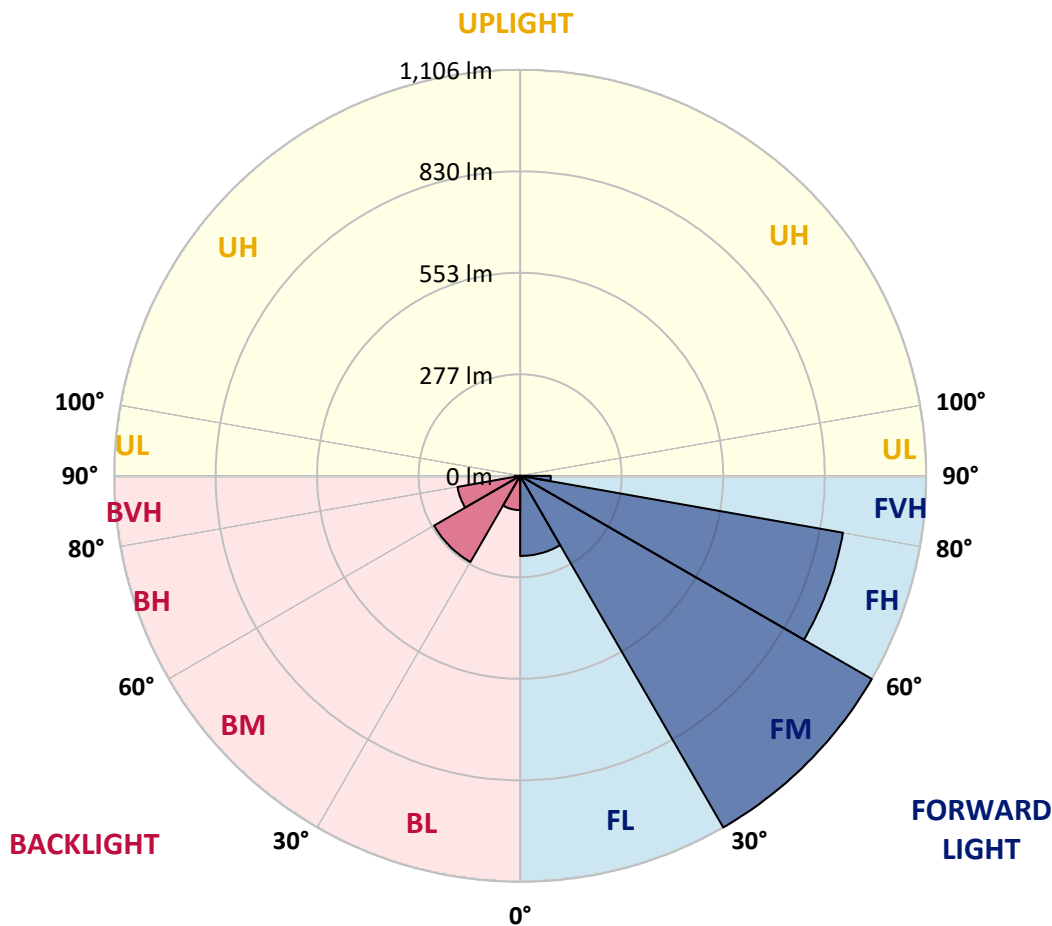
CATALOG NUMBER: MSA-SA1A-835-U-SLR

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	218.4	7.7			
FM (30°-60°)	1106.4	38.8			
FH (60°-80°)	893.0	31.3			G1/1800
FVH (80°-90°)	83.4	2.9			G1/100
BL (0°-30°)	93.4	3.3	B0/110		
BM (30°-60°)	271.1	9.5	B1/1000		
BH (60°-80°)	173.4	6.1	B1/500		G1/500
BVH (80°-90°)	14.7	0.5			G1/100
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°	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0
2.5°	403.1	405.6	408.0	403.3	398.5	393.7	389.0	381.9	374.7	367.7	360.5
5°	484.2	475.0	465.7	462.0	458.4	454.7	450.9	447.4	444.0	440.4	436.9
7.5°	509.5	496.5	483.3	477.8	472.2	466.6	461.0	448.6	436.1	423.5	411.0
10°	481.7	468.1	454.4	449.0	443.4	438.0	432.5	417.2	402.1	386.9	371.7
12.5°	504.1	490.3	476.3	459.1	441.9	424.6	407.4	399.0	390.5	381.9	373.5
15°	525.7	507.0	488.2	471.0	453.8	436.5	419.3	402.4	385.5	368.6	351.7
17.5°	604.7	573.5	542.3	511.3	480.1	449.1	417.9	398.4	378.7	359.2	339.5
20°	701.0	657.6	614.1	567.0	519.8	472.7	425.4	400.8	376.2	351.6	326.9
22.5°	815.5	760.8	706.1	646.7	587.2	527.7	468.2	432.5	396.7	360.9	325.1
25°	906.5	853.9	801.2	725.9	650.5	575.2	499.8	459.2	418.6	377.9	337.3
27.5°	994.9	911.1	827.2	740.9	654.7	568.4	482.1	444.5	407.0	369.5	331.9
30°	1069.6	1003.1	936.6	824.0	711.3	598.6	486.0	439.8	393.7	347.6	301.4
32.5°	1178.9	1084.0	989.0	871.5	754.0	636.5	519.1	460.1	401.0	342.0	283.0
35°	1306.7	1208.1	1109.5	964.2	819.0	673.7	528.3	465.9	403.3	340.8	278.2
37.5°	1545.1	1371.3	1197.3	1038.7	880.1	721.3	562.7	490.1	417.5	344.8	272.2
40°	1676.6	1515.9	1355.2	1157.5	959.9	762.0	564.4	490.1	415.7	341.5	267.1
42.5°	1851.9	1648.6	1445.3	1231.5	1017.9	804.2	590.4	508.1	425.8	343.4	261.1
45°	1958.7	1732.2	1505.5	1277.1	1048.7	820.2	591.8	508.3	424.7	341.2	257.7
47.5°	2027.5	1810.0	1592.4	1346.5	1100.6	854.6	608.7	520.0	431.2	342.6	253.8
50°	2092.8	1877.3	1661.8	1406.5	1151.3	896.0	640.7	543.9	447.0	350.1	253.2
52.5°	2172.8	1974.4	1775.9	1502.1	1228.1	954.2	680.2	574.8	469.3	363.9	258.5
55°	2289.3	2093.9	1898.3	1604.3	1310.2	1016.2	722.1	605.1	488.2	371.1	254.1
57.5°	2364.8	2166.6	1968.4	1668.6	1368.8	1068.9	769.1	639.4	509.8	380.0	250.3
60°	2339.7	2135.3	1930.7	1644.9	1359.1	1073.3	787.5	647.5	507.6	367.5	227.5
62.5°	2228.9	2011.6	1794.2	1538.2	1282.4	1026.4	770.4	628.0	485.7	343.3	200.9
65°	2074.0	1849.4	1624.5	1393.6	1162.7	931.7	700.8	571.6	442.2	312.9	183.6
67.5°	1884.0	1649.7	1415.3	1210.9	1006.4	801.8	597.3	489.3	381.4	273.3	165.3
70°	1645.6	1415.3	1185.1	1008.2	831.3	654.4	477.5	396.2	315.0	233.7	152.4
72.5°	1322.7	1124.0	925.4	786.1	646.9	507.7	368.5	312.0	255.6	199.1	142.5
75°	940.7	824.0	707.2	598.9	490.5	382.1	273.7	237.2	200.6	164.0	127.4
77.5°	668.5	599.7	530.8	445.9	361.0	276.1	191.2	169.7	148.4	126.9	105.4
80°	494.3	436.8	379.3	315.3	251.3	187.3	123.3	112.8	102.4	91.8	81.3
82.5°	325.4	299.5	273.5	222.8	172.1	121.4	70.6	66.8	62.9	59.0	55.1
85°	145.7	153.9	161.9	130.9	99.7	68.7	37.5	35.7	33.9	32.1	30.3
87.5°	14.0	20.6	27.3	23.4	19.4	15.5	11.5	11.4	11.4	11.2	11.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0
2.5°	362.4	364.3	366.3	368.2	366.1	364.1	361.8	359.8	357.1	354.5	351.7
5°	431.1	425.1	419.3	413.4	404.5	395.6	386.6	377.8	376.7	375.4	374.3
7.5°	400.1	389.3	378.3	367.4	353.5	339.8	326.0	312.1	307.9	303.8	299.6
10°	364.3	356.8	349.5	342.0	333.4	324.8	316.1	307.5	296.2	284.7	273.3
12.5°	361.3	349.1	336.8	324.6	319.3	314.0	308.8	303.5	293.5	283.6	273.5
15°	341.9	331.9	322.1	312.1	304.5	296.9	289.2	281.6	273.6	265.4	257.4
17.5°	328.2	316.8	305.5	294.1	285.4	276.6	267.8	259.0	249.4	239.5	229.8
20°	313.9	301.0	288.0	275.0	263.9	253.0	241.9	230.8	220.1	209.6	198.9
22.5°	308.1	291.0	274.0	257.0	245.3	233.6	221.9	210.1	200.3	190.5	180.6
25°	317.0	296.7	276.4	256.0	240.3	224.6	208.9	193.1	184.9	176.8	168.5
27.5°	306.6	281.1	255.7	230.2	213.5	196.6	179.8	162.9	161.7	160.4	159.0
30°	274.7	248.0	221.2	194.5	179.1	163.6	148.2	132.7	129.8	126.8	123.8
32.5°	255.7	228.4	201.1	173.9	160.1	146.3	132.6	118.7	115.4	112.1	108.7
35°	248.5	218.9	189.2	159.6	147.8	136.0	124.3	112.5	110.1	107.9	105.6
37.5°	242.7	213.3	183.8	154.3	143.0	131.6	120.1	108.7	106.9	105.1	103.3
40°	237.2	207.4	177.5	147.5	137.4	127.4	117.3	107.2	106.1	105.0	103.8
42.5°	232.2	203.2	174.1	145.2	136.2	127.3	118.3	109.3	108.2	107.1	106.0
45°	229.4	201.1	172.9	144.6	138.1	131.6	125.0	118.4	115.8	113.2	110.4
47.5°	227.3	200.9	174.4	147.9	141.2	134.4	127.6	120.8	118.4	116.1	113.6
50°	227.7	202.4	176.9	151.4	143.2	134.9	126.8	118.4	118.2	117.9	117.6
52.5°	231.5	204.6	177.6	150.6	141.7	132.8	123.8	115.0	116.8	118.4	120.2
55°	226.1	198.1	170.0	142.0	133.5	125.2	116.8	108.3	110.7	112.9	115.3
57.5°	220.0	189.6	159.3	129.0	122.6	116.2	109.7	103.3	105.8	108.5	111.0
60°	199.8	172.1	144.3	116.6	112.3	108.1	103.8	99.5	100.6	101.7	102.8
62.5°	177.6	154.2	130.9	107.5	104.2	100.7	97.4	93.9	93.9	94.1	94.1
65°	163.5	143.4	123.3	103.2	99.5	95.7	91.8	88.1	87.6	87.0	86.4
67.5°	149.3	133.5	117.6	101.7	96.3	91.0	85.6	80.2	79.5	79.0	78.3
70°	138.3	124.1	110.0	95.9	89.8	83.8	77.7	71.6	71.1	70.6	70.1
72.5°	129.2	116.1	102.8	89.5	83.1	76.6	70.2	63.7	63.3	62.9	62.3
75°	115.7	104.0	92.3	80.5	74.3	68.2	61.9	55.7	55.1	54.7	54.2
77.5°	95.7	85.9	76.2	66.4	61.5	56.8	51.9	47.1	46.8	46.5	46.1
80°	73.7	66.1	58.3	50.7	47.5	44.2	41.0	37.7	37.5	37.4	37.1
82.5°	50.6	46.0	41.4	36.8	34.5	32.0	29.6	27.2	27.3	27.4	27.6
85°	28.8	27.2	25.6	24.0	22.0	20.2	18.3	16.3	16.8	17.2	17.5
87.5°	10.5	10.0	9.4	8.9	7.9	7.1	6.1	5.1	5.4	5.8	6.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0
2.5°	349.1	344.9	340.8	336.6	332.5	323.9	315.4	306.8	298.3	303.5	308.9
5°	373.1	366.0	358.8	351.7	344.5	340.5	336.5	332.5	328.5	330.5	332.7
7.5°	295.5	291.3	287.0	282.9	278.6	276.8	275.1	273.3	271.5	276.6	281.8
10°	261.8	256.0	250.2	244.2	238.4	234.9	231.5	228.0	224.6	225.9	227.3
12.5°	263.5	254.9	246.3	237.7	229.1	224.0	218.9	213.7	208.6	209.9	211.1
15°	249.2	240.3	231.5	222.6	213.7	207.8	201.7	195.7	189.6	187.6	185.4
17.5°	220.0	210.3	200.6	190.9	181.2	177.2	173.2	169.1	165.1	162.9	160.7
20°	188.3	179.3	170.3	161.2	152.2	149.5	146.7	143.8	141.0	139.6	138.1
22.5°	170.8	165.3	159.6	154.0	148.4	145.2	142.1	138.9	135.8	134.2	132.6
25°	160.3	161.4	162.6	163.7	164.8	163.5	161.9	160.6	159.0	159.6	160.0
27.5°	157.8	160.1	162.6	165.0	167.3	168.6	169.8	171.1	172.3	172.7	173.2
30°	120.8	122.0	123.2	124.4	125.5	129.0	132.4	135.8	139.2	144.6	150.2
32.5°	105.4	105.0	104.6	104.0	103.6	104.5	105.3	106.0	106.8	108.7	110.8
35°	103.2	102.2	101.1	100.2	99.0	99.5	99.9	100.3	100.7	102.2	103.8
37.5°	101.5	101.1	100.8	100.4	100.0	101.0	101.8	102.8	103.6	104.9	106.1
40°	102.6	102.5	102.4	102.1	102.0	102.5	103.1	103.6	104.2	105.8	107.5
42.5°	104.9	104.9	104.7	104.7	104.6	105.1	105.6	106.1	106.5	107.5	108.5
45°	107.8	107.5	107.4	107.1	106.8	106.7	106.7	106.5	106.4	106.9	107.6
47.5°	111.2	110.3	109.2	108.2	107.1	106.8	106.4	106.1	105.7	106.0	106.3
50°	117.3	114.7	112.2	109.6	106.9	106.3	105.6	104.9	104.2	104.0	104.0
52.5°	121.9	118.0	114.1	110.3	106.4	105.1	103.9	102.6	101.4	101.1	101.0
55°	117.5	114.6	111.8	108.9	106.0	104.2	102.2	100.4	98.5	98.1	97.7
57.5°	113.5	111.7	109.9	108.1	106.3	104.5	102.5	100.7	98.8	97.8	96.8
60°	103.9	103.9	104.0	104.0	104.0	102.1	100.2	98.2	96.3	95.3	94.5
62.5°	94.1	95.6	97.0	98.5	99.9	97.2	94.5	91.8	89.1	88.4	87.8
65°	85.9	86.3	86.9	87.3	87.7	85.6	83.5	81.5	79.4	79.0	78.4
67.5°	77.6	77.4	77.3	77.0	76.9	75.6	74.3	73.0	71.6	71.1	70.5
70°	69.5	69.4	69.3	69.0	68.8	67.7	66.6	65.5	64.4	64.0	63.6
72.5°	61.9	61.8	61.5	61.4	61.1	60.1	59.3	58.3	57.4	56.8	56.2
75°	53.6	53.3	53.1	52.8	52.5	51.7	50.8	49.9	49.0	48.5	47.9
77.5°	45.9	45.4	45.0	44.5	44.1	43.4	42.5	41.8	41.0	40.3	39.8
80°	37.0	36.7	36.4	36.0	35.7	35.0	34.4	33.5	32.8	32.0	31.3
82.5°	27.7	27.6	27.3	27.2	26.9	26.2	25.5	24.8	24.1	23.3	22.4
85°	17.9	17.7	17.6	17.5	17.3	16.8	16.3	15.8	15.2	14.4	13.7
87.5°	6.4	6.1	6.0	5.7	5.4	5.3	5.0	4.8	4.6	4.2	3.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**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: P596840

CATALOG NUMBER: MSA-SA1A-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0
2.5°	314.2	319.4	319.6	319.6	322.1	324.4	319.6	314.7	309.7	304.9	300.1
5°	334.8	336.9	336.3	335.7	332.6	329.6	326.4	323.2	320.0	316.8	317.0
7.5°	286.9	292.0	296.2	300.2	296.3	292.4	290.4	288.3	286.2	284.1	283.8
10°	228.6	230.0	231.6	233.1	230.8	228.3	232.5	236.6	240.6	244.8	240.2
12.5°	212.4	213.6	210.7	207.7	206.7	205.7	204.7	203.6	202.7	201.6	201.0
15°	183.3	181.1	178.8	176.5	175.9	175.2	174.5	173.7	173.0	172.2	169.7
17.5°	158.5	156.3	152.5	148.6	147.1	145.5	145.0	144.6	144.1	143.7	141.3
20°	136.7	135.2	134.2	133.1	131.6	130.1	128.6	127.0	125.4	123.8	121.6
22.5°	131.0	129.4	128.1	126.8	126.5	126.2	123.4	120.5	117.7	114.8	113.6
25°	160.6	161.0	153.4	145.6	144.9	144.2	139.2	134.1	129.1	124.0	119.7
27.5°	173.4	173.9	173.6	173.3	171.1	168.7	160.3	151.7	143.2	134.6	128.6
30°	155.6	161.0	163.0	165.1	163.6	161.9	153.1	144.3	135.5	126.6	122.6
32.5°	112.8	114.7	118.2	121.5	123.3	125.0	122.2	119.4	116.6	113.9	113.2
35°	105.1	106.7	107.4	108.1	106.9	105.8	103.8	101.7	99.5	97.4	97.0
37.5°	107.2	108.5	109.9	111.2	108.2	105.0	102.6	100.4	98.1	95.7	93.8
40°	109.2	110.8	111.7	112.5	109.4	106.4	103.5	100.7	97.8	94.9	93.0
42.5°	109.4	110.4	111.9	113.5	109.2	104.7	102.1	99.3	96.7	93.9	92.0
45°	108.2	108.7	110.1	111.5	106.5	101.4	99.0	96.6	94.2	91.7	90.0
47.5°	106.4	106.7	107.8	108.7	103.5	98.1	95.9	93.6	91.3	89.1	87.4
50°	103.9	103.8	104.6	105.3	99.9	94.5	92.3	90.2	88.0	85.7	84.4
52.5°	100.7	100.4	101.3	102.0	96.3	90.6	88.7	86.9	84.9	83.0	81.9
55°	97.1	96.7	97.4	98.1	92.5	86.9	85.2	83.4	81.7	79.9	79.0
57.5°	95.7	94.8	95.2	95.6	89.4	83.1	81.5	79.8	78.1	76.5	75.8
60°	93.5	92.5	93.0	93.2	86.6	79.8	78.3	76.6	75.1	73.4	72.7
62.5°	87.1	86.4	87.0	87.6	81.6	75.5	74.1	72.9	71.5	70.1	69.1
65°	78.0	77.4	78.5	79.7	74.5	69.4	68.6	67.7	66.8	65.9	65.0
67.5°	70.0	69.4	70.5	71.6	67.9	64.1	63.3	62.5	61.6	60.8	60.3
70°	63.2	62.8	63.7	64.7	61.5	58.3	57.5	56.8	56.0	55.1	54.7
72.5°	55.5	55.0	56.2	57.4	54.7	51.9	51.3	50.4	49.7	48.9	48.6
75°	47.4	46.8	47.9	48.9	47.1	45.2	44.5	43.8	43.1	42.4	42.3
77.5°	39.1	38.4	39.5	40.5	39.3	38.1	37.5	36.8	36.3	35.6	35.6
80°	30.5	29.6	30.5	31.2	30.8	30.3	29.9	29.4	29.0	28.4	28.5
82.5°	21.6	20.8	21.2	21.6	21.9	22.2	22.2	22.2	22.2	22.2	22.2
85°	12.9	12.1	12.2	12.3	12.7	13.2	13.3	13.4	13.6	13.7	13.9
87.5°	3.3	2.9	2.6	2.2	2.6	2.9	3.2	3.3	3.6	3.7	3.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**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: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0
2.5°	295.2	290.2	285.4	288.4	291.3	294.4	297.3	297.4	297.4	297.6	297.6
5°	317.2	317.4	317.5	314.6	311.8	308.9	306.0	304.5	303.0	301.3	299.8
7.5°	283.4	283.2	282.7	280.0	277.2	274.4	271.7	265.0	258.2	251.6	244.8
10°	235.5	230.9	226.2	225.1	224.1	223.0	221.9	220.1	218.5	216.7	214.9
12.5°	200.5	199.9	199.3	196.4	193.5	190.5	187.6	187.6	187.6	187.6	187.6
15°	167.1	164.6	161.9	160.6	159.0	157.6	156.1	155.4	154.7	154.0	153.4
17.5°	138.8	136.5	134.0	133.7	133.4	133.1	132.8	132.2	131.5	130.8	130.1
20°	119.4	117.2	115.0	115.8	116.6	117.3	118.2	117.5	116.8	115.9	115.3
22.5°	112.2	111.0	109.6	108.9	108.2	107.4	106.7	106.7	106.8	106.8	106.8
25°	115.5	111.2	106.9	104.9	102.8	100.6	98.5	97.7	97.0	96.1	95.3
27.5°	122.5	116.2	110.1	106.5	102.9	99.3	95.7	94.2	92.5	91.0	89.4
30°	118.4	114.4	110.3	106.1	102.0	97.8	93.6	91.7	89.8	87.7	85.7
32.5°	112.5	111.7	111.0	107.1	103.2	99.2	95.3	94.5	93.8	93.0	92.1
35°	96.4	96.0	95.4	94.5	93.5	92.5	91.6	90.5	89.4	88.2	87.1
37.5°	92.0	90.0	88.1	87.7	87.3	86.9	86.4	86.0	85.6	85.1	84.6
40°	91.0	89.1	87.1	86.4	85.7	84.9	84.2	84.4	84.6	84.8	84.9
42.5°	89.9	88.0	85.9	85.3	84.8	84.2	83.7	83.8	84.1	84.2	84.4
45°	88.5	86.9	85.2	84.2	83.4	82.4	81.5	82.3	83.1	83.8	84.6
47.5°	85.7	83.9	82.3	81.7	81.2	80.5	79.9	80.8	81.6	82.3	83.1
50°	82.8	81.5	79.9	79.8	79.7	79.4	79.2	79.8	80.3	80.9	81.5
52.5°	80.6	79.5	78.3	78.3	78.1	78.1	78.0	78.5	79.1	79.5	80.1
55°	78.1	77.2	76.2	76.3	76.6	76.7	76.9	77.4	78.1	78.7	79.2
57.5°	74.9	74.3	73.4	74.0	74.4	74.9	75.4	75.8	76.3	76.7	77.2
60°	71.9	71.2	70.4	70.9	71.6	72.2	72.7	73.1	73.6	74.0	74.4
62.5°	68.2	67.0	66.1	66.9	67.6	68.4	69.1	69.4	69.8	70.1	70.4
65°	64.1	63.2	62.2	62.8	63.3	63.7	64.3	64.7	65.1	65.5	65.9
67.5°	59.6	59.0	58.3	58.7	59.2	59.6	60.0	60.1	60.1	60.3	60.3
70°	54.2	53.7	53.2	53.5	53.9	54.2	54.4	54.4	54.4	54.3	54.3
72.5°	48.5	48.2	47.9	48.1	48.3	48.5	48.6	48.5	48.3	48.2	48.1
75°	42.1	42.0	41.8	42.0	42.3	42.4	42.5	42.4	42.1	42.0	41.7
77.5°	35.7	35.7	35.7	35.7	35.9	35.9	35.9	35.6	35.3	35.0	34.8
80°	28.7	28.8	29.0	29.0	29.0	29.0	29.0	28.7	28.4	28.0	27.7
82.5°	22.2	22.2	22.2	22.2	22.3	22.3	22.3	21.6	21.1	20.4	19.7
85°	13.9	14.0	14.0	14.1	14.3	14.3	14.4	13.4	12.6	11.6	10.7
87.5°	3.7	3.7	3.7	3.7	3.7	3.6	3.6	2.8	1.8	1.0	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: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**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: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0
2.5°	298.4	299.2	299.9	300.7	300.9	301.0	301.0	301.2	298.3	295.3	292.3
5°	301.9	303.8	305.9	307.8	307.4	307.0	306.6	306.1	305.3	304.6	303.8
7.5°	243.3	241.9	240.3	238.8	240.1	241.3	242.6	243.8	244.4	244.9	245.3
10°	211.4	207.9	204.5	201.0	199.1	197.0	195.0	193.0	192.7	192.6	192.3
12.5°	184.0	180.2	176.6	172.9	171.8	170.5	169.4	168.2	169.3	170.4	171.4
15°	151.8	150.4	148.9	147.4	148.6	149.9	151.1	152.4	153.5	154.5	155.6
17.5°	129.4	128.8	128.1	127.4	128.6	129.8	130.9	132.0	134.5	137.0	139.5
20°	114.7	114.3	113.7	113.2	112.8	112.2	111.8	111.2	114.8	118.3	121.9
22.5°	106.0	105.1	104.3	103.5	103.6	103.8	103.8	103.9	106.8	109.9	112.8
25°	95.0	94.8	94.5	94.2	95.0	95.9	96.6	97.4	100.0	102.6	105.1
27.5°	89.5	89.6	89.8	89.9	91.0	92.3	93.4	94.5	96.3	98.1	99.9
30°	86.4	87.3	88.0	88.7	89.1	89.5	89.9	90.3	92.1	93.8	95.6
32.5°	91.0	89.9	88.7	87.6	88.1	88.8	89.4	89.9	91.6	93.2	94.9
35°	86.7	86.2	85.7	85.2	85.9	86.6	87.1	87.8	89.4	90.7	92.3
37.5°	84.5	84.4	84.2	84.1	84.5	84.9	85.2	85.6	87.0	88.4	89.6
40°	84.4	83.7	83.1	82.4	82.8	83.3	83.5	83.9	85.6	87.3	88.9
42.5°	83.5	82.7	81.7	80.9	81.3	81.9	82.3	82.7	84.5	86.2	88.0
45°	83.4	82.1	80.8	79.5	80.1	80.6	81.2	81.7	83.1	84.5	85.7
47.5°	81.9	80.6	79.4	78.1	78.4	78.7	78.8	79.1	80.3	81.5	82.7
50°	80.6	79.7	78.8	77.9	77.4	77.2	76.7	76.3	77.3	78.3	79.2
52.5°	79.1	78.1	77.0	76.1	75.5	74.9	74.4	73.8	74.7	75.4	76.2
55°	78.1	76.9	75.8	74.5	73.8	73.1	72.5	71.8	72.3	72.7	73.3
57.5°	76.1	74.9	73.7	72.6	71.8	70.9	70.0	69.1	69.4	69.7	70.0
60°	73.3	72.0	70.9	69.7	68.7	67.7	66.6	65.7	65.8	66.1	66.2
62.5°	69.3	68.2	66.9	65.8	64.7	63.7	62.6	61.5	61.8	61.9	62.2
65°	64.8	63.6	62.5	61.2	60.3	59.3	58.2	57.2	57.5	57.8	57.9
67.5°	59.4	58.5	57.6	56.7	55.8	54.9	54.0	53.1	53.2	53.3	53.5
70°	53.6	52.8	52.1	51.3	50.6	49.9	49.2	48.5	48.5	48.6	48.6
72.5°	47.4	46.7	46.0	45.3	44.6	44.1	43.4	42.7	42.9	43.2	43.4
75°	41.0	40.5	39.8	39.1	38.5	38.0	37.3	36.7	37.0	37.3	37.4
77.5°	34.4	33.9	33.4	33.0	32.4	31.9	31.2	30.6	30.9	31.2	31.3
80°	27.4	27.2	26.7	26.5	25.9	25.4	24.8	24.2	24.4	24.4	24.5
82.5°	19.8	19.9	19.9	20.1	19.7	19.1	18.7	18.1	18.1	18.1	18.0
85°	11.1	11.6	12.1	12.5	12.1	11.6	11.2	10.8	10.7	10.7	10.5
87.5°	0.4	0.7	1.1	1.4	1.2	1.1	0.8	0.7	0.8	1.0	1.0
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: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**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: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0
2.5°	289.4	291.7	294.1	296.5	298.8	302.4	306.0	309.7	313.5	311.4	309.2
5°	303.0	304.3	305.9	307.3	308.6	312.7	316.5	321.4	326.1	325.5	324.8
7.5°	245.9	247.8	249.8	251.6	253.5	259.6	265.7	270.8	275.9	275.3	274.4
10°	192.0	196.0	200.2	204.2	208.2	213.2	218.0	222.3	226.6	233.8	240.9
12.5°	172.5	178.7	184.9	191.2	197.4	201.0	204.5	210.0	215.6	219.4	223.4
15°	156.5	162.4	168.2	174.0	179.8	180.1	180.4	186.2	192.0	195.3	198.5
17.5°	142.0	145.2	148.4	151.4	154.6	153.5	152.4	155.2	157.8	159.2	160.7
20°	125.4	127.6	129.8	132.0	134.2	135.8	137.1	138.8	140.3	138.9	137.4
22.5°	115.7	119.0	122.5	125.8	129.1	130.1	130.9	129.9	129.0	128.6	128.1
25°	107.8	111.8	115.9	120.0	124.0	125.9	127.9	128.7	129.4	127.9	126.3
27.5°	101.7	106.5	111.2	116.1	120.8	124.3	127.7	128.7	129.5	128.4	127.2
30°	97.2	102.5	107.8	113.0	118.3	123.6	128.7	133.3	137.7	137.3	136.9
32.5°	96.6	100.2	103.8	107.4	111.0	114.3	117.5	117.7	117.9	116.8	115.5
35°	93.6	96.0	98.4	100.7	103.1	105.1	107.1	106.8	106.5	105.4	104.3
37.5°	91.0	93.4	95.9	98.2	100.6	104.2	107.6	106.9	106.1	105.0	103.9
40°	90.6	93.2	95.9	98.4	101.0	104.3	107.6	106.9	106.3	104.9	103.5
42.5°	89.6	92.3	94.8	97.4	99.9	103.9	107.8	106.5	105.1	104.0	102.9
45°	87.1	89.5	91.8	94.2	96.6	100.8	105.1	103.6	102.1	101.7	101.1
47.5°	83.8	86.2	88.5	90.9	93.2	97.5	101.7	100.4	99.0	98.9	98.6
50°	80.2	82.4	84.8	87.0	89.2	93.5	97.7	96.6	95.4	95.6	95.6
52.5°	76.9	79.0	80.9	83.0	84.9	89.2	93.4	92.5	91.6	91.8	92.0
55°	73.7	75.4	77.0	78.7	80.3	84.5	88.7	87.4	86.2	86.6	87.0
57.5°	70.2	71.6	73.0	74.3	75.6	79.8	83.8	82.4	80.9	81.6	82.1
60°	66.4	67.6	68.8	70.0	71.2	74.9	78.5	77.3	75.9	76.9	77.7
62.5°	62.3	63.3	64.3	65.2	66.2	69.7	73.1	72.2	71.2	72.3	73.3
65°	58.2	58.9	59.7	60.4	61.1	64.4	67.6	66.9	66.2	67.2	68.2
67.5°	53.6	54.2	54.9	55.4	56.0	59.0	62.1	61.4	60.5	61.4	62.1
70°	48.6	49.2	49.6	50.1	50.6	53.3	56.1	55.1	54.0	54.9	55.5
72.5°	43.6	43.9	44.3	44.6	44.9	47.0	49.0	48.2	47.4	48.2	48.9
75°	37.7	38.0	38.2	38.5	38.8	40.6	42.3	41.3	40.2	41.0	41.8
77.5°	31.6	31.7	32.0	32.1	32.3	33.5	34.6	33.7	32.6	33.5	34.5
80°	24.5	24.7	24.8	24.8	24.9	25.4	25.8	25.1	24.2	25.5	26.7
82.5°	18.0	17.9	17.9	17.7	17.6	17.6	17.5	17.0	16.5	17.6	18.7
85°	10.4	10.3	10.0	9.8	9.6	9.1	8.7	8.6	8.5	9.4	10.4
87.5°	1.1	1.0	0.7	0.6	0.3	0.1	0.0	0.0	0.0	0.6	1.2
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: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**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: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0
2.5°	307.1	304.9	302.8	300.7	298.7	296.6	300.5	304.3	308.2	312.1	315.6
5°	324.3	323.6	321.8	320.1	318.3	316.5	317.5	318.6	319.6	320.6	322.6
7.5°	273.7	272.9	276.8	280.5	284.4	288.1	289.1	289.9	290.9	291.7	291.2
10°	248.1	255.2	257.0	258.6	260.4	262.1	264.9	267.6	270.3	273.0	274.6
12.5°	227.3	231.2	237.6	244.1	250.5	256.8	261.0	265.1	269.3	273.5	282.0
15°	201.8	205.0	209.9	214.7	219.6	224.4	230.4	236.5	242.4	248.4	257.8
17.5°	162.1	163.5	167.1	170.7	174.1	177.7	185.8	193.7	201.7	209.6	220.4
20°	136.0	134.5	134.5	134.6	134.6	134.6	142.7	150.6	158.6	166.5	180.8
22.5°	127.6	127.2	125.6	124.0	122.5	120.8	125.0	129.2	133.4	137.6	149.2
25°	124.7	123.2	121.2	119.3	117.3	115.4	118.0	120.7	123.3	125.9	135.1
27.5°	126.1	124.8	125.8	126.6	127.6	128.4	129.2	130.1	130.9	131.7	134.9
30°	136.5	136.0	137.6	138.9	140.5	141.9	139.9	138.1	136.2	134.2	135.3
32.5°	114.4	113.2	112.6	112.1	111.5	111.0	110.8	110.7	110.4	110.3	112.8
35°	103.2	102.1	101.3	100.4	99.5	98.6	99.0	99.3	99.7	100.0	102.8
37.5°	102.8	101.7	100.7	99.7	98.6	97.7	98.1	98.6	99.0	99.5	101.5
40°	102.1	100.7	100.2	99.6	99.0	98.5	98.8	99.0	99.2	99.5	101.0
42.5°	101.7	100.6	100.3	100.0	99.7	99.5	99.7	100.0	100.2	100.4	102.2
45°	100.7	100.2	100.4	100.7	101.0	101.3	101.3	101.3	101.3	101.3	103.2
47.5°	98.5	98.2	99.0	99.9	100.7	101.5	102.9	104.3	105.6	106.9	107.4
50°	95.7	95.7	97.1	98.5	99.7	101.1	104.5	107.6	111.0	114.1	112.1
52.5°	92.3	92.4	94.5	96.4	98.5	100.4	103.5	106.5	109.4	112.5	109.4
55°	87.3	87.7	90.3	92.8	95.4	97.9	100.3	102.6	105.0	107.4	104.2
57.5°	82.8	83.4	86.2	88.8	91.6	94.2	95.6	97.1	98.5	99.9	97.8
60°	78.7	79.5	83.1	86.7	90.2	93.8	92.7	91.6	90.3	89.2	89.1
62.5°	74.4	75.4	78.7	82.0	85.2	88.5	86.9	85.2	83.4	81.7	82.4
65°	69.0	70.0	71.5	73.0	74.4	75.9	75.8	75.8	75.6	75.5	76.9
67.5°	62.9	63.6	64.6	65.4	66.4	67.2	67.7	68.4	69.0	69.5	71.2
70°	56.4	57.1	58.0	58.9	59.8	60.7	61.4	62.1	62.6	63.3	65.0
72.5°	49.7	50.4	51.4	52.4	53.2	54.2	54.7	55.3	55.7	56.2	57.6
75°	42.7	43.5	44.5	45.3	46.3	47.1	47.5	47.9	48.3	48.8	50.0
77.5°	35.5	36.4	37.4	38.4	39.3	40.3	40.5	40.6	40.7	40.9	42.0
80°	27.8	29.1	30.1	31.0	32.0	33.0	33.0	33.0	33.0	33.0	33.5
82.5°	19.8	20.9	22.0	23.0	24.1	25.1	25.1	24.9	24.9	24.8	24.8
85°	11.4	12.3	13.0	13.9	14.5	15.2	15.2	15.2	15.1	15.1	14.8
87.5°	1.8	2.4	2.6	3.0	3.3	3.6	3.5	3.5	3.3	3.2	2.8
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: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**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: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0
2.5°	319.0	322.5	326.0	325.4	324.8	324.3	323.7	325.8	327.8	329.8	331.8
5°	324.6	326.7	328.6	330.1	331.6	333.2	334.7	341.8	348.7	355.7	362.7
7.5°	290.6	289.9	289.4	295.9	302.5	309.1	315.6	324.6	333.6	342.6	351.6
10°	276.1	277.6	279.1	281.8	284.5	287.2	289.8	298.7	307.5	316.4	325.3
12.5°	290.5	299.1	307.5	309.6	311.8	313.9	316.0	317.8	319.6	321.2	323.0
15°	267.2	276.6	286.1	291.5	296.9	302.1	307.5	321.1	334.5	348.1	361.6
17.5°	231.1	241.9	252.5	265.8	279.1	292.4	305.7	318.2	330.7	343.0	355.5
20°	195.0	209.2	223.4	238.0	252.4	266.9	281.4	293.5	305.7	317.8	330.0
22.5°	160.7	172.3	183.8	201.6	219.2	236.9	254.5	277.2	299.8	322.5	345.1
25°	144.1	153.2	162.2	180.5	198.8	216.9	235.2	264.7	294.1	323.6	353.0
27.5°	138.3	141.4	144.6	161.2	177.7	194.4	210.8	242.7	274.6	306.3	338.1
30°	136.5	137.6	138.7	151.7	164.7	177.7	190.8	222.2	253.8	285.2	316.7
32.5°	115.1	117.6	120.0	132.7	145.3	158.1	170.7	202.4	234.0	265.7	297.3
35°	105.6	108.3	111.1	123.6	136.0	148.4	160.8	194.2	227.7	261.1	294.5
37.5°	103.6	105.7	107.8	121.9	136.0	150.2	164.3	198.1	231.9	265.7	299.5
40°	102.6	104.2	105.7	119.4	133.3	147.0	160.7	196.2	231.5	266.9	302.3
42.5°	103.9	105.7	107.4	119.8	132.2	144.6	157.0	193.7	230.2	266.9	303.5
45°	105.0	106.9	108.7	120.4	132.0	143.7	155.3	194.5	233.6	272.8	311.8
47.5°	107.6	108.1	108.3	118.4	128.4	138.5	148.5	188.4	228.3	268.1	307.9
50°	109.9	107.8	105.6	116.1	126.5	137.0	147.4	185.2	223.0	260.7	298.5
52.5°	106.4	103.2	100.2	111.5	122.9	134.1	145.5	183.3	221.2	259.0	296.9
55°	101.1	97.9	94.8	106.3	117.7	129.2	140.7	178.4	216.2	253.9	291.6
57.5°	95.9	93.8	91.7	101.1	110.7	120.1	129.5	170.4	211.1	252.0	292.7
60°	88.9	88.7	88.5	95.9	103.3	110.7	118.0	158.1	198.0	238.0	277.9
62.5°	83.0	83.7	84.2	90.2	96.1	102.0	107.9	146.6	185.4	224.0	262.7
65°	78.4	79.8	81.2	88.0	94.8	101.4	108.2	140.6	173.0	205.4	237.9
67.5°	72.9	74.5	76.2	85.1	93.9	102.8	111.7	138.4	165.1	191.9	218.6
70°	66.5	68.2	69.7	81.0	92.3	103.6	114.8	138.5	162.4	186.0	209.7
72.5°	59.0	60.4	61.8	74.0	86.2	98.4	110.5	130.6	150.7	170.7	190.8
75°	51.4	52.6	53.9	64.4	74.9	85.5	96.0	111.5	126.9	142.4	157.8
77.5°	42.9	44.1	45.0	52.1	59.2	66.2	73.3	85.2	97.0	108.9	120.7
80°	34.1	34.6	35.2	39.3	43.4	47.5	51.5	59.4	67.3	75.1	83.0
82.5°	24.9	24.9	24.9	27.6	30.3	33.0	35.6	39.6	43.5	47.5	51.4
85°	14.5	14.1	13.9	15.7	17.5	19.3	21.1	22.7	24.4	26.0	27.7
87.5°	2.4	1.8	1.4	2.5	3.6	4.7	5.8	6.4	7.1	7.6	8.2
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: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**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: P596840

CATALOG NUMBER: MSA-SA1A-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0
2.5°	327.1	322.5	317.8	313.1	320.0	326.9	333.9	340.8	359.2	370.1	370.8
5°	368.5	374.3	380.1	385.9	391.8	397.6	403.3	409.1	439.0	457.4	460.9
7.5°	361.1	370.8	380.4	390.0	406.4	422.9	439.4	455.9	481.2	499.5	511.6
10°	337.2	349.1	361.0	372.9	392.5	412.1	431.7	451.2	478.1	502.2	513.7
12.5°	342.0	361.0	379.8	398.8	415.7	432.8	449.7	466.6	485.1	494.3	515.2
15°	374.7	387.9	401.0	414.2	439.7	465.0	490.5	515.9	526.4	547.3	566.2
17.5°	379.7	403.8	428.1	452.2	483.3	514.5	545.7	576.8	596.4	623.4	646.1
20°	364.2	398.3	432.5	466.6	506.7	547.0	587.2	627.4	652.2	674.9	710.1
22.5°	382.8	420.4	458.0	495.7	549.0	602.2	655.5	708.7	760.5	811.2	835.1
25°	403.3	453.7	504.0	554.3	620.9	687.4	754.0	820.5	887.1	934.7	962.1
27.5°	388.8	439.4	490.1	540.7	623.1	705.7	788.1	870.5	941.9	999.1	1022.6
30°	378.7	440.8	502.9	564.9	661.6	758.3	855.0	951.7	1017.6	1081.5	1116.1
32.5°	376.9	456.6	536.1	615.8	728.4	840.9	953.5	1066.0	1109.8	1166.4	1213.1
35°	381.9	469.5	556.9	644.3	773.4	902.5	1031.5	1160.6	1222.8	1278.9	1319.8
37.5°	397.2	494.8	592.3	690.0	845.6	1001.3	1156.9	1312.4	1416.7	1519.4	1537.7
40°	405.8	509.4	612.9	716.3	897.2	1078.2	1259.1	1440.0	1560.0	1672.6	1680.2
42.5°	415.9	528.2	640.4	752.8	953.4	1154.1	1354.7	1555.3	1703.8	1824.8	1828.4
45°	427.5	543.0	658.7	774.2	983.7	1193.0	1402.5	1611.8	1791.3	1938.4	1902.6
47.5°	432.1	556.3	680.5	804.6	1027.9	1251.1	1474.4	1697.5	1858.6	1992.5	1958.1
50°	433.9	569.4	704.7	840.0	1071.4	1302.9	1534.2	1765.5	1929.4	2059.9	2007.3
52.5°	445.1	593.3	741.5	889.8	1130.8	1371.8	1612.9	1853.9	2015.2	2140.5	2075.2
55°	460.2	628.8	797.2	965.8	1215.3	1464.7	1714.2	1963.5	2125.3	2241.9	2160.9
57.5°	474.2	655.8	837.3	1018.7	1277.2	1535.9	1794.4	2052.9	2216.7	2332.1	2253.6
60°	467.4	656.9	846.4	1035.9	1290.0	1543.9	1798.0	2051.9	2237.9	2376.3	2336.1
62.5°	446.9	631.1	815.2	999.5	1240.7	1481.7	1722.9	1963.9	2181.7	2359.1	2357.3
65°	407.4	577.0	746.4	916.0	1139.1	1362.4	1585.6	1808.8	2065.5	2281.0	2295.0
67.5°	359.3	500.1	640.8	781.6	991.7	1201.9	1412.0	1622.2	1896.6	2134.4	2146.5
70°	312.8	416.0	519.1	622.1	806.7	991.2	1175.6	1360.1	1637.3	1877.9	1889.0
72.5°	258.2	325.7	393.0	460.5	609.9	759.4	908.7	1058.2	1301.6	1486.7	1549.2
75°	197.8	237.9	277.9	317.9	438.9	559.8	680.6	801.5	963.3	1099.9	1170.3
77.5°	141.4	162.2	183.0	203.8	306.6	409.4	512.0	614.8	699.8	777.3	824.8
80°	92.8	102.5	112.3	122.0	207.5	293.0	378.3	463.8	515.6	557.2	581.1
82.5°	56.2	61.1	65.8	70.6	139.9	209.2	278.3	347.6	377.2	397.0	418.4
85°	30.3	33.0	35.6	38.2	82.7	127.0	171.5	215.8	218.7	221.1	252.8
87.5°	8.9	9.7	10.4	11.1	18.3	25.6	32.8	40.0	24.9	15.5	31.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**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: P596840

CATALOG NUMBER: MSA-SA1A-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0
2.5°	366.8	365.0	363.2	361.3	359.5	351.9	344.4	336.8	329.1	336.5	343.7
5°	456.9	462.4	467.8	473.4	478.9	479.3	479.6	480.0	480.3	481.7	483.0
7.5°	521.7	531.5	541.2	551.1	560.9	568.5	576.1	583.9	591.5	584.6	577.7
10°	527.2	548.0	568.8	589.6	610.4	614.1	617.7	621.4	625.2	630.2	635.0
12.5°	532.8	558.1	583.3	608.7	634.0	645.1	656.1	667.2	678.1	683.5	688.8
15°	591.4	606.3	621.2	636.1	650.9	658.6	666.0	673.7	681.3	685.9	690.3
17.5°	666.7	672.3	677.7	683.2	688.8	693.9	699.0	704.1	709.3	710.1	710.9
20°	735.4	736.6	737.5	738.6	739.6	728.8	718.1	707.3	696.5	698.5	700.3
22.5°	838.5	832.4	826.5	820.4	814.4	794.0	773.8	753.5	733.2	724.5	715.9
25°	993.7	978.2	962.6	947.1	931.6	899.2	866.9	834.5	802.2	783.2	764.4
27.5°	1043.7	1009.9	976.2	942.4	908.6	884.1	859.7	835.2	810.8	780.7	750.7
30°	1144.8	1091.5	1038.3	984.9	931.6	907.9	884.2	860.4	836.7	806.0	775.3
32.5°	1234.4	1179.0	1123.6	1068.1	1012.6	967.8	922.9	878.0	833.1	812.3	791.6
35°	1338.2	1268.5	1198.8	1129.1	1059.5	1021.0	982.6	944.1	905.7	874.3	842.9
37.5°	1489.3	1415.2	1341.1	1266.8	1192.7	1140.6	1088.7	1036.6	984.7	967.3	950.2
40°	1633.4	1545.8	1458.4	1370.9	1283.5	1243.6	1203.7	1163.6	1123.7	1094.5	1065.3
42.5°	1754.0	1667.5	1581.0	1494.4	1408.0	1378.9	1350.0	1320.9	1291.9	1267.8	1243.7
45°	1795.5	1724.8	1654.3	1583.7	1513.0	1502.8	1492.6	1482.4	1472.3	1454.4	1436.5
47.5°	1862.1	1790.1	1718.2	1646.1	1574.1	1577.8	1581.6	1585.5	1589.2	1590.2	1591.0
50°	1901.3	1832.9	1764.6	1696.1	1627.8	1646.0	1664.0	1682.2	1700.3	1741.4	1782.4
52.5°	1958.5	1891.3	1824.3	1757.1	1689.9	1720.7	1751.3	1782.0	1812.6	1870.3	1927.9
55°	2030.3	1966.0	1901.9	1837.6	1773.4	1803.4	1833.1	1863.1	1892.9	1957.0	2021.1
57.5°	2125.4	2056.6	1987.9	1919.0	1850.3	1877.9	1905.3	1932.9	1960.3	2021.3	2082.2
60°	2233.8	2159.0	2084.2	2009.2	1934.4	1942.0	1949.5	1957.1	1964.6	2030.7	2096.6
62.5°	2287.0	2217.7	2148.6	2079.3	2010.0	1988.9	1967.7	1946.3	1925.1	1984.3	2043.3
65°	2240.8	2193.2	2145.7	2098.0	2050.4	2013.0	1975.7	1938.3	1900.9	1937.9	1974.7
67.5°	2094.0	2067.0	2040.1	2013.1	1986.1	1923.3	1860.6	1797.7	1734.9	1737.4	1739.8
70°	1856.0	1848.8	1841.7	1834.5	1827.3	1733.0	1638.8	1544.5	1450.1	1435.7	1421.3
72.5°	1554.4	1559.1	1563.7	1568.4	1573.1	1471.7	1370.3	1268.9	1167.5	1143.6	1119.6
75°	1204.0	1230.0	1256.0	1282.2	1308.3	1211.3	1114.3	1017.2	920.2	890.7	861.2
77.5°	850.7	899.3	947.8	996.4	1045.1	957.4	869.8	782.1	694.4	675.3	656.2
80°	593.2	617.0	640.8	664.7	688.5	644.4	600.4	556.3	512.3	517.5	522.7
82.5°	432.1	437.6	443.0	448.6	454.1	436.1	418.1	399.9	381.9	395.6	409.4
85°	276.8	296.6	316.3	336.1	355.7	335.8	315.8	295.8	275.8	285.0	294.1
87.5°	61.9	97.9	134.0	170.1	206.1	186.7	167.5	148.1	128.7	120.0	111.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596840  
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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: P596840

CATALOG NUMBER: MSA-SA1A-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0
2.5°	351.0	358.4	356.2	354.1	351.9	349.6	353.7	357.7	361.8	365.9	364.5
5°	484.6	486.0	472.8	459.8	446.6	433.5	441.6	449.8	458.0	466.1	463.2
7.5°	570.7	563.8	556.2	548.6	540.8	533.2	531.5	529.9	528.1	526.4	524.2
10°	640.0	644.9	639.9	635.0	630.0	625.0	613.4	601.8	590.0	578.4	573.5
12.5°	694.2	699.6	700.8	701.9	703.2	704.4	691.4	678.5	665.5	652.5	640.7
15°	694.9	699.4	703.4	707.3	711.3	715.2	707.2	699.3	691.3	683.2	679.5
17.5°	711.9	712.7	709.4	706.2	702.9	699.7	696.5	693.5	690.3	687.2	681.3
20°	702.2	704.1	703.7	703.3	702.8	702.3	702.6	702.8	703.0	703.2	699.8
22.5°	707.2	698.5	700.3	701.9	703.7	705.4	710.4	715.4	720.5	725.5	738.8
25°	745.4	726.4	723.5	720.8	717.9	715.1	728.1	741.0	754.0	767.0	788.6
27.5°	720.5	690.4	683.8	677.1	670.5	663.8	683.6	703.3	723.1	742.9	765.0
30°	744.6	714.0	699.3	684.6	669.8	655.1	674.1	692.9	711.9	730.7	755.1
32.5°	770.8	750.0	740.2	730.5	720.6	710.9	712.5	714.0	715.5	717.0	751.4
35°	811.5	780.1	770.4	760.7	751.0	741.3	757.5	773.5	789.8	805.8	834.9
37.5°	932.9	915.5	898.1	880.6	863.0	845.6	855.1	864.7	874.3	883.8	911.2
40°	1036.1	1006.8	1003.9	1001.1	998.2	995.3	996.2	996.9	997.7	998.5	1021.9
42.5°	1219.5	1195.4	1180.5	1165.7	1150.9	1136.1	1135.1	1134.1	1133.0	1132.1	1149.6
45°	1418.5	1400.7	1389.6	1378.5	1367.3	1356.2	1338.6	1321.0	1303.3	1285.7	1301.1
47.5°	1592.0	1592.9	1613.0	1633.0	1653.1	1673.1	1643.1	1613.0	1583.0	1552.9	1533.1
50°	1823.6	1864.6	1869.4	1874.2	1879.0	1883.9	1832.9	1782.0	1731.1	1680.1	1659.3
52.5°	1985.7	2043.3	2035.8	2028.5	2021.0	2013.5	1984.0	1954.6	1925.1	1895.6	1850.3
55°	2085.4	2149.5	2143.9	2138.3	2132.6	2127.0	2105.5	2084.0	2062.6	2041.1	1991.3
57.5°	2143.2	2204.1	2205.8	2207.5	2209.1	2210.8	2205.1	2199.4	2193.7	2188.1	2123.4
60°	2162.7	2228.8	2229.5	2230.0	2230.7	2231.3	2222.3	2213.3	2204.1	2195.1	2152.9
62.5°	2102.4	2161.5	2164.1	2166.6	2169.2	2171.9	2165.6	2159.4	2153.1	2146.9	2115.6
65°	2011.7	2048.7	2049.4	2049.9	2050.6	2051.3	2035.5	2019.9	2004.1	1988.3	1980.8
67.5°	1742.3	1744.8	1759.5	1774.1	1788.8	1803.5	1804.8	1806.0	1807.4	1808.6	1797.8
70°	1406.9	1392.5	1408.4	1424.4	1440.3	1456.2	1463.0	1469.8	1476.7	1483.5	1488.5
72.5°	1095.5	1071.5	1083.3	1095.1	1107.0	1118.8	1108.6	1098.5	1088.4	1078.3	1110.3
75°	831.7	802.2	800.7	799.3	797.8	796.4	791.3	786.1	780.9	775.8	805.7
77.5°	637.0	617.8	618.8	619.6	620.6	621.4	616.2	611.0	605.8	600.5	612.0
80°	527.9	533.1	533.2	533.3	533.5	533.6	528.6	523.8	518.8	513.8	505.5
82.5°	423.2	436.9	436.8	436.8	436.6	436.5	436.2	435.9	435.5	435.3	421.7
85°	303.2	312.4	303.0	293.5	284.1	274.7	281.6	288.6	295.6	302.5	296.9
87.5°	102.6	94.1	82.8	71.8	60.5	49.3	61.4	73.4	85.6	97.7	104.6
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: P596840  
 CATALOG NUMBER: MSA-SA1A-835-U-SLR

**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: P596840

CATALOG NUMBER: MSA-SA1A-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0	301.0
2.5°	363.2	361.8	360.6	351.9	343.0	334.3	325.4	341.5	357.7	373.8	389.8
5°	460.5	457.6	454.8	454.1	453.4	452.6	451.9	460.1	468.2	476.3	484.4
7.5°	522.0	519.8	517.5	511.7	506.0	500.2	494.4	499.4	504.2	509.2	514.1
10°	568.8	563.9	559.1	546.5	534.0	521.4	508.8	505.1	501.3	497.6	493.9
12.5°	628.9	617.0	605.2	591.0	576.6	562.3	547.9	545.9	544.0	542.2	540.3
15°	675.9	672.1	668.4	657.0	645.7	634.3	623.0	607.7	592.3	577.1	561.9
17.5°	675.5	669.5	663.7	678.9	694.0	709.3	724.4	708.2	691.8	675.6	659.4
20°	696.5	693.1	689.7	717.9	745.8	774.0	801.9	793.1	784.1	775.2	766.2
22.5°	751.9	765.2	778.4	802.5	826.5	850.6	874.5	884.6	894.8	904.9	915.0
25°	810.1	831.7	853.3	889.2	925.0	960.8	996.7	1003.9	1011.1	1018.3	1025.5
27.5°	786.8	808.9	830.9	858.0	885.1	912.2	939.2	970.8	1002.5	1034.1	1065.7
30°	779.4	803.7	828.0	865.2	902.4	939.6	976.9	1020.4	1063.9	1107.3	1150.8
32.5°	785.6	820.0	854.3	904.7	955.0	1005.4	1055.9	1101.6	1147.4	1193.1	1238.9
35°	863.9	893.0	921.9	978.3	1034.7	1091.1	1147.4	1201.0	1254.7	1308.1	1361.7
37.5°	938.5	966.0	993.4	1051.0	1108.5	1166.1	1223.8	1308.4	1393.2	1477.8	1562.5
40°	1045.2	1068.6	1091.9	1141.2	1190.5	1239.8	1289.1	1391.2	1493.3	1595.4	1697.5
42.5°	1167.1	1184.7	1202.2	1253.3	1304.4	1355.5	1406.6	1517.7	1629.0	1740.1	1851.2
45°	1316.3	1331.7	1347.1	1382.2	1417.4	1452.7	1487.9	1602.5	1717.1	1831.6	1946.2
47.5°	1513.3	1493.5	1473.7	1491.0	1508.3	1525.6	1542.9	1656.2	1769.6	1882.7	1996.1
50°	1638.5	1617.7	1597.0	1598.5	1599.9	1601.4	1602.9	1708.6	1814.3	1919.9	2025.6
52.5°	1805.0	1759.6	1714.3	1713.9	1713.5	1712.9	1712.5	1804.6	1896.9	1989.0	2081.1
55°	1941.6	1891.9	1842.2	1832.5	1822.8	1812.9	1803.2	1894.4	1985.4	2076.5	2167.6
57.5°	2058.7	1993.8	1929.1	1913.9	1898.7	1883.4	1868.2	1966.4	2064.8	2163.0	2261.2
60°	2110.8	2068.5	2026.4	2007.7	1989.0	1970.3	1951.6	2035.3	2118.9	2202.5	2286.1
62.5°	2084.4	2053.1	2022.0	2026.3	2030.6	2034.8	2039.1	2086.9	2134.9	2182.7	2230.4
65°	1973.5	1966.0	1958.7	1993.3	2027.9	2062.6	2097.2	2097.9	2098.6	2099.3	2100.0
67.5°	1787.0	1776.2	1765.4	1837.4	1909.3	1981.4	2053.4	2019.2	1985.0	1950.9	1916.7
70°	1493.3	1498.3	1503.2	1601.3	1699.2	1797.3	1895.3	1845.8	1796.0	1746.4	1696.7
72.5°	1142.3	1174.4	1206.4	1308.1	1409.8	1511.5	1613.2	1556.5	1499.7	1443.1	1386.3
75°	835.6	865.5	895.4	995.9	1096.3	1196.9	1297.3	1230.0	1162.7	1095.5	1028.2
77.5°	623.5	635.2	646.7	730.2	813.6	897.1	980.5	912.9	845.3	777.8	710.2
80°	497.3	489.0	480.8	527.1	573.4	619.6	665.9	618.0	569.9	522.0	474.0
82.5°	408.2	394.7	381.2	398.4	415.6	432.9	450.1	411.7	373.3	335.0	296.6
85°	291.2	285.5	279.8	284.8	289.7	294.7	299.6	262.2	224.8	187.6	150.2
87.5°	111.4	118.3	125.2	133.1	140.9	148.8	156.5	122.6	88.7	54.9	20.9
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°	301.0	301.0
2.5°	396.5	403.1
5°	484.3	484.2
7.5°	511.9	509.5
10°	487.8	481.7
12.5°	522.3	504.1
15°	543.9	525.7
17.5°	632.1	604.7
20°	733.6	701.0
22.5°	865.2	815.5
25°	966.1	906.5
27.5°	1030.4	994.9
30°	1110.2	1069.6
32.5°	1208.9	1178.9
35°	1334.3	1306.7
37.5°	1553.9	1545.1
40°	1687.1	1676.6
42.5°	1851.6	1851.9
45°	1952.4	1958.7
47.5°	2011.9	2027.5
50°	2059.2	2092.8
52.5°	2127.0	2172.8
55°	2228.5	2289.3
57.5°	2313.0	2364.8
60°	2313.0	2339.7
62.5°	2229.8	2228.9
65°	2087.1	2074.0
67.5°	1900.3	1884.0
70°	1671.2	1645.6
72.5°	1354.5	1322.7
75°	984.5	940.7
77.5°	689.5	668.5
80°	484.2	494.3
82.5°	311.0	325.4
85°	147.9	145.7
87.5°	17.5	14.0
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)