

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: P596950

Luminaire Tested: **MSA-SA2B-835-U-SLR**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P596950  
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-SA2B-835-U-SLR  
Description: MESA POST TOP DECORATIVE LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

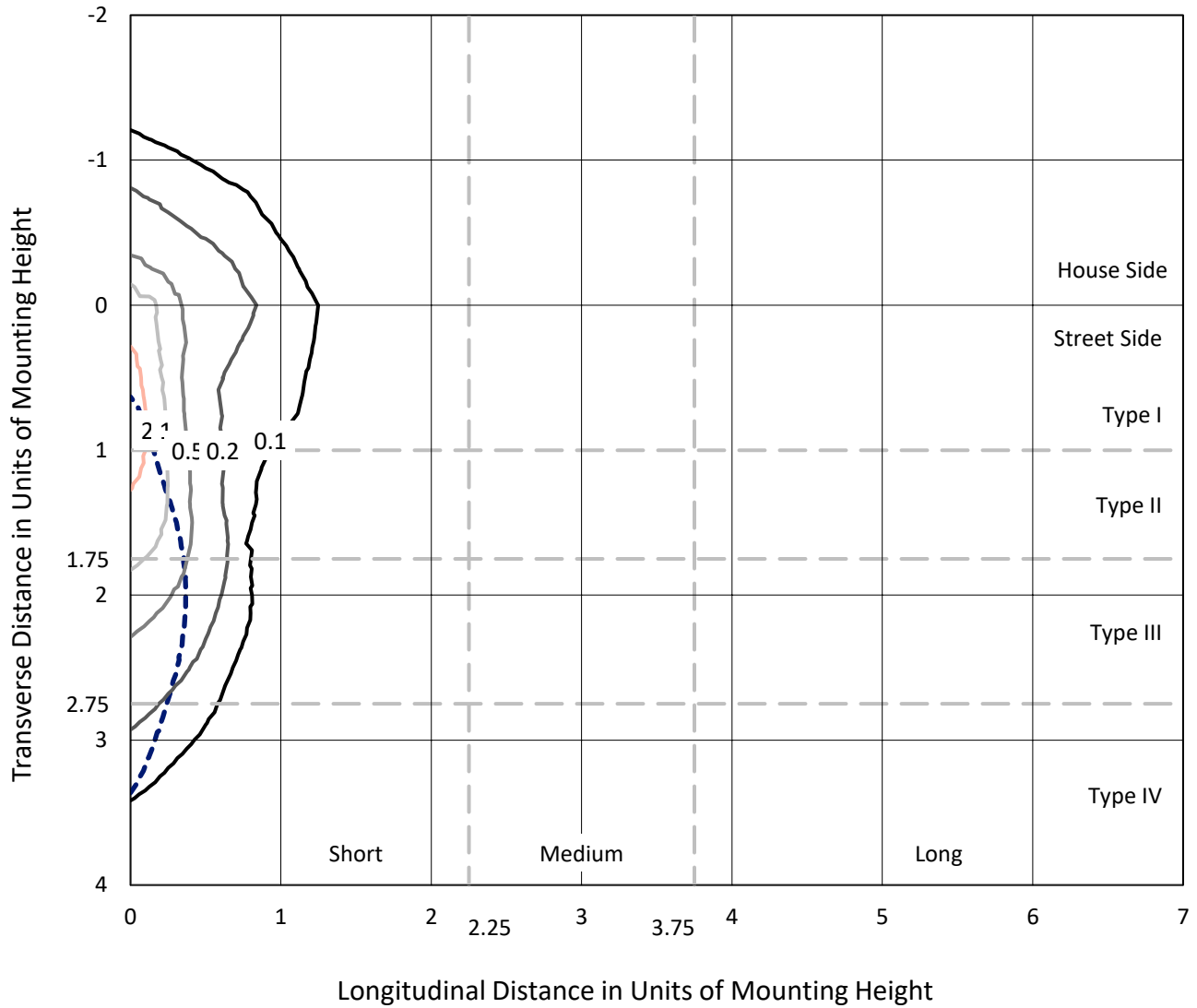
Lumens per Lamp: N/A  
Luminaire Lumens: 7035 lumens  
Efficiency: N/A  
Efficacy: 82.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2  
  
Input Watts (W): 85  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

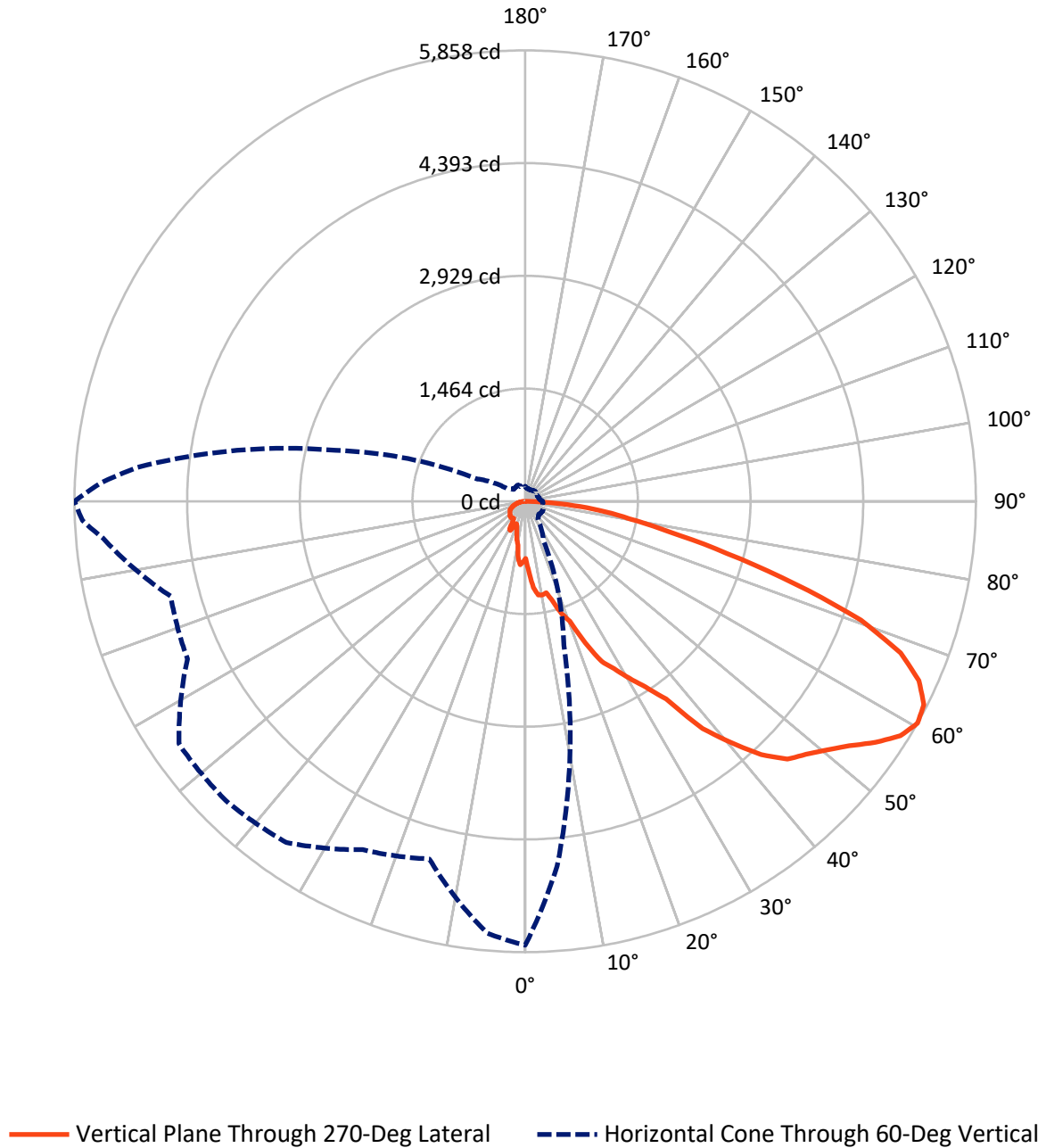
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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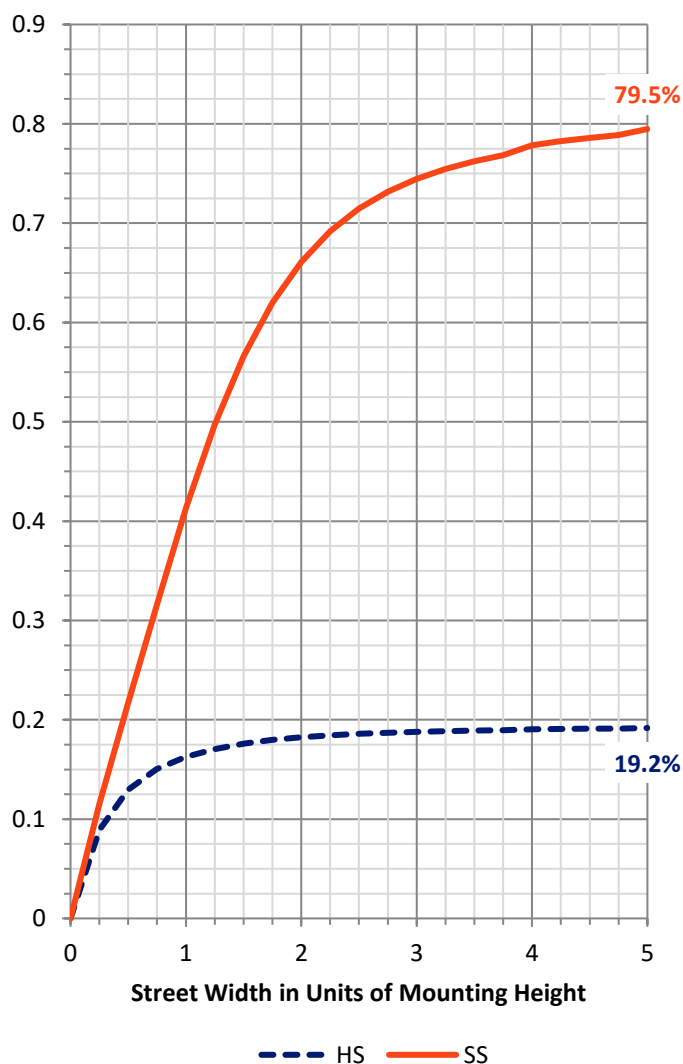
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1362.5	0.0	1362.5
	% Fixture	19.4	0.0	19.4
<b>Street Side</b>	Lumens	5672.5	0.0	5672.5
	% Fixture	80.6	0.0	80.6
<b>Total</b>	Lumens	7035.0	0.0	7035.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	85.1	1.2
10°-20°	247.2	3.5
20°-30°	436.4	6.2
30°-40°	679.6	9.7
40°-50°	1118.9	15.9
50°-60°	1597.1	22.7
60°-70°	1693.4	24.1
70°-80°	935.3	13.3
80°-90°	242.0	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°	7035.0	100.0
0°-180°	7035.0	100.0

**Coefficient of Utilization**



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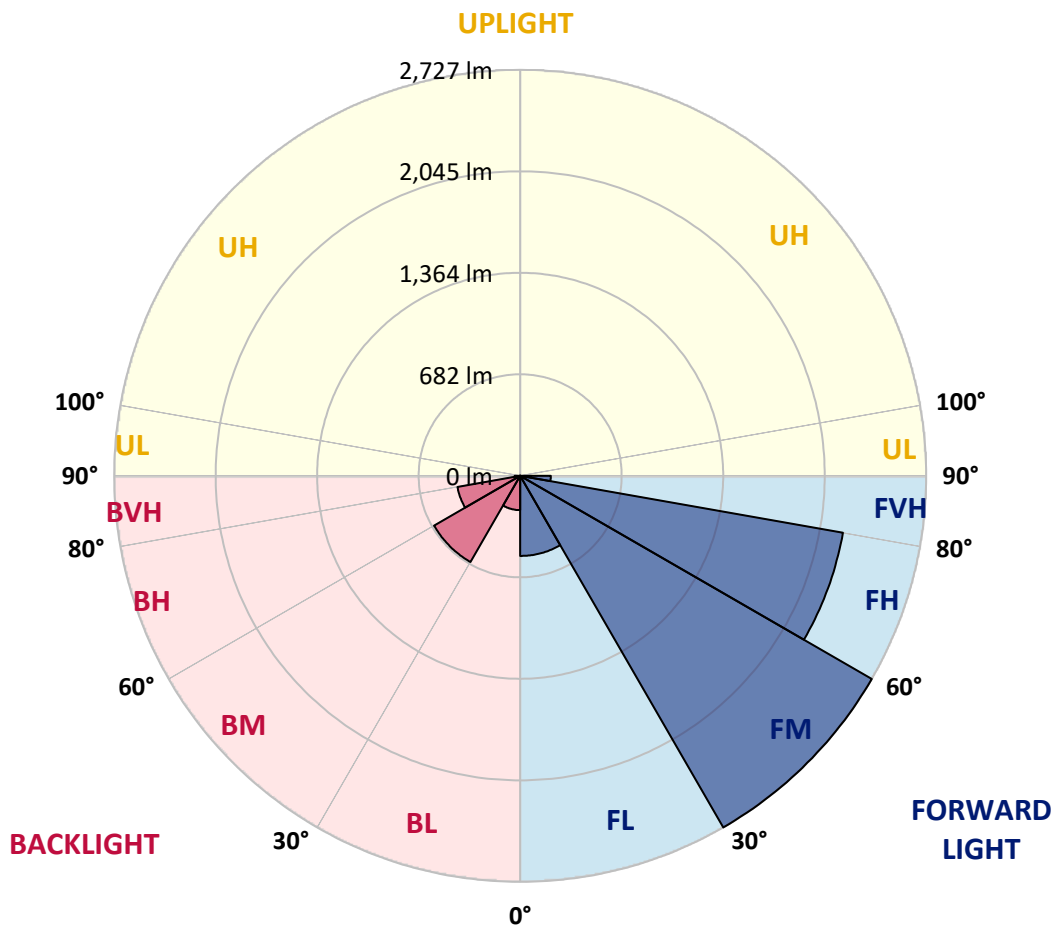
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	538.3	7.7			
FM (30°-60°)	2727.2	38.8			
FH (60°-80°)	2201.3	31.3			G2/5000
FVH (80°-90°)	205.7	2.9			G2/225
BL (0°-30°)	230.3	3.3	B1/500		
BM (30°-60°)	668.4	9.5	B1/1000		
BH (60°-80°)	427.5	6.1	B1/500		G1/500
BVH (80°-90°)	36.3	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-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0
2.5°	993.7	999.8	1005.6	994.0	982.4	970.5	958.8	941.4	923.7	906.3	888.5
5°	1193.4	1170.9	1148.0	1138.8	1129.9	1120.7	1111.5	1102.9	1094.4	1085.5	1077.0
7.5°	1255.9	1223.8	1191.4	1177.7	1164.1	1150.1	1136.4	1105.7	1074.9	1043.9	1013.1
10°	1187.3	1153.8	1120.0	1106.7	1093.0	1079.7	1066.1	1028.5	991.3	953.7	916.2
12.5°	1242.6	1208.5	1174.0	1131.6	1089.3	1046.6	1004.3	983.4	962.6	941.4	920.6
15°	1295.9	1249.8	1203.3	1161.0	1118.6	1076.0	1033.6	992.0	950.3	908.6	867.0
17.5°	1490.5	1413.7	1336.8	1260.4	1183.5	1107.0	1030.2	982.1	933.6	885.4	836.9
20°	1727.8	1620.9	1513.7	1397.6	1281.2	1165.1	1048.6	987.9	927.4	866.6	805.9
22.5°	2010.2	1875.3	1740.5	1594.0	1447.5	1300.7	1154.2	1066.1	978.0	889.5	801.4
25°	2234.6	2104.8	1975.0	1789.3	1603.5	1417.8	1232.0	1132.0	1031.9	931.5	831.5
27.5°	2452.4	2245.8	2038.9	1826.2	1613.8	1401.0	1188.3	1095.8	1003.2	910.7	818.2
30°	2636.5	2472.6	2308.7	2031.0	1753.4	1475.5	1197.9	1084.2	970.5	856.7	743.0
32.5°	2905.9	2672.0	2437.7	2148.2	1858.6	1569.0	1279.5	1134.0	988.5	843.1	697.6
35°	3221.1	2977.9	2734.8	2376.6	2018.8	1660.6	1302.4	1148.4	994.0	840.0	685.7
37.5°	3808.7	3380.2	2951.3	2560.3	2169.3	1778.0	1387.0	1208.1	1029.2	849.9	671.0
40°	4132.8	3736.7	3340.6	2853.3	2366.0	1878.4	1391.1	1208.1	1024.7	841.7	658.3
42.5°	4564.7	4063.8	3562.5	3035.6	2509.1	1982.2	1455.3	1252.5	1049.7	846.5	643.7
45°	4828.0	4269.7	3711.1	3148.0	2584.9	2021.8	1458.7	1252.8	1046.9	841.0	635.1
47.5°	4997.7	4461.6	3925.2	3319.1	2713.0	2106.5	1500.4	1281.9	1063.0	844.4	625.6
50°	5158.6	4627.6	4096.2	3466.9	2837.9	2208.6	1579.3	1340.6	1101.9	862.9	624.2
52.5°	5355.9	4866.9	4377.6	3702.5	3027.1	2352.0	1676.6	1416.7	1156.9	897.0	637.2
55°	5643.1	5161.3	4679.1	3954.5	3229.6	2505.0	1780.1	1491.5	1203.3	914.8	626.3
57.5°	5829.2	5340.6	4851.9	4113.0	3374.0	2634.8	1895.8	1576.2	1256.6	936.6	617.0
60°	5767.4	5263.4	4759.0	4054.6	3350.1	2645.7	1941.2	1596.0	1251.1	905.9	560.7
62.5°	5494.2	4958.5	4422.7	3791.7	3161.0	2529.9	1898.9	1547.9	1197.2	846.2	495.1
65°	5112.5	4558.6	4004.4	3435.2	2865.9	2296.7	1727.5	1408.9	1090.0	771.4	452.4
67.5°	4644.0	4066.5	3488.8	2984.8	2480.8	1976.4	1472.4	1206.1	940.1	673.7	407.4
70°	4056.3	3488.8	2921.3	2485.2	2049.1	1613.1	1177.0	976.6	776.5	576.1	375.6
72.5°	3260.3	2770.7	2281.0	1937.8	1594.7	1251.5	908.3	769.0	630.0	490.7	351.4
75°	2318.9	2031.0	1743.2	1476.2	1209.1	941.8	674.7	584.6	494.4	404.3	314.2
77.5°	1647.9	1478.2	1308.5	1099.2	889.9	680.5	471.2	418.3	365.7	312.8	259.9
80°	1218.4	1076.6	934.9	777.2	619.4	461.7	303.9	278.0	252.3	226.4	200.4
82.5°	802.1	738.3	674.1	549.1	424.1	299.1	174.1	164.6	155.0	145.5	135.9
85°	359.2	379.4	399.2	322.7	245.9	169.4	92.5	88.1	83.7	79.2	74.8
87.5°	34.5	50.9	67.3	57.7	47.8	38.2	28.3	28.0	28.0	27.7	27.3
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°	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0
2.5°	893.3	898.1	902.8	907.6	902.5	897.4	891.9	886.8	880.3	873.8	867.0
5°	1062.6	1048.0	1033.6	1018.9	997.1	975.2	953.0	931.2	928.5	925.4	922.6
7.5°	986.2	959.5	932.5	905.6	871.4	837.6	803.5	769.3	759.1	748.8	738.6
10°	898.1	879.6	861.5	843.1	821.9	800.7	779.2	758.1	730.1	701.7	673.7
12.5°	890.5	860.5	830.1	800.1	787.1	774.1	761.1	748.2	723.6	699.0	674.1
15°	842.7	818.2	793.9	769.3	750.5	731.8	713.0	694.2	674.4	654.3	634.4
17.5°	808.9	780.9	752.9	724.9	703.4	681.9	660.1	638.5	614.6	590.4	566.5
20°	773.8	742.0	709.9	677.8	650.5	623.5	596.2	568.9	542.6	516.6	490.3
22.5°	759.4	717.4	675.4	633.4	604.7	575.7	547.0	518.0	493.8	469.5	445.3
25°	781.3	731.4	681.2	631.0	592.4	553.5	514.9	476.0	455.9	435.7	415.2
27.5°	755.7	692.8	630.3	567.5	526.2	484.5	443.2	401.6	398.5	395.4	392.0
30°	677.1	611.2	545.3	479.4	441.5	403.3	365.4	327.1	320.0	312.4	305.3
32.5°	630.3	563.1	495.8	428.5	394.7	360.6	326.8	292.6	284.4	276.2	268.1
35°	612.6	539.5	466.4	393.4	364.3	335.3	306.3	277.3	271.5	266.0	260.2
37.5°	598.3	525.9	453.1	380.4	352.4	324.4	296.1	268.1	263.6	259.2	254.7
40°	584.6	511.2	437.4	363.7	338.7	314.2	289.2	264.3	261.6	258.8	255.8
42.5°	572.3	500.9	429.2	357.9	335.7	313.8	291.6	269.4	266.7	264.0	261.2
45°	565.5	495.8	426.2	356.5	340.4	324.4	308.0	292.0	285.5	279.0	272.1
47.5°	560.3	495.1	429.9	364.7	348.0	331.2	314.5	297.8	292.0	286.1	280.0
50°	561.4	498.9	436.1	373.2	353.1	332.6	312.4	292.0	291.3	290.6	289.9
52.5°	570.6	504.3	437.8	371.2	349.3	327.5	305.3	283.4	287.9	292.0	296.4
55°	557.3	488.3	419.0	350.0	329.2	308.7	287.9	267.0	272.8	278.3	284.1
57.5°	542.3	467.5	392.7	317.9	302.2	286.5	270.4	254.7	260.9	267.4	273.5
60°	492.4	424.1	355.8	287.5	276.9	266.3	255.8	245.2	247.9	250.6	253.4
62.5°	437.8	380.1	322.7	265.0	256.8	248.2	240.1	231.5	231.5	231.9	231.9
65°	402.9	353.4	303.9	254.4	245.2	236.0	226.4	217.2	215.8	214.4	213.1
67.5°	368.1	329.2	289.9	250.6	237.3	224.3	211.0	197.7	196.0	194.6	192.9
70°	340.8	306.0	271.1	236.3	221.3	206.6	191.6	176.5	175.2	174.1	172.8
72.5°	318.6	286.1	253.4	220.6	204.9	188.8	173.1	157.1	156.1	155.0	153.7
75°	285.1	256.4	227.4	198.4	183.0	168.0	152.6	137.3	135.9	134.9	133.5
77.5°	236.0	211.7	187.8	163.6	151.6	140.0	128.1	116.1	115.4	114.7	113.7
80°	181.7	162.9	143.8	125.0	117.1	108.9	101.1	92.9	92.5	92.2	91.5
82.5°	124.6	113.4	102.1	90.8	85.0	78.9	73.1	66.9	67.3	67.6	68.0
85°	71.0	66.9	63.2	59.1	54.3	49.9	45.1	40.3	41.3	42.3	43.0
87.5°	26.0	24.6	23.2	21.9	19.5	17.4	15.0	12.6	13.3	14.3	15.0
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: P596950  
 CATALOG NUMBER: MSA-SA2B-835-U-SLR

**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: P596950  
 CATALOG NUMBER: MSA-SA2B-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0
2.5°	860.5	850.3	840.0	829.8	819.5	798.4	777.5	756.4	735.2	748.2	761.5
5°	919.6	902.2	884.4	867.0	849.2	839.3	829.4	819.5	809.6	814.7	820.2
7.5°	728.4	718.1	707.5	697.3	686.7	682.3	678.2	673.7	669.3	681.9	694.5
10°	645.4	631.0	616.7	602.0	587.7	579.1	570.6	562.1	553.5	556.9	560.3
12.5°	649.5	628.3	607.1	586.0	564.8	552.2	539.5	526.9	514.3	517.3	520.4
15°	614.3	592.4	570.6	548.7	526.9	512.2	497.2	482.5	467.5	462.3	456.9
17.5°	542.3	518.3	494.4	470.5	446.6	436.7	426.8	416.9	407.0	401.6	396.1
20°	464.1	441.9	419.7	397.5	375.3	368.4	361.6	354.4	347.6	344.2	340.4
22.5°	421.0	407.4	393.4	379.7	365.7	357.9	350.3	342.5	334.6	330.9	326.8
25°	395.1	397.8	400.9	403.6	406.3	402.9	399.2	395.8	392.0	393.4	394.4
27.5°	388.9	394.7	400.9	406.7	412.5	415.6	418.6	421.7	424.8	425.8	426.8
30°	297.8	300.8	303.6	306.6	309.4	317.9	326.4	334.6	343.2	356.5	370.2
32.5°	259.9	258.8	257.8	256.4	255.4	257.5	259.5	261.2	263.3	268.1	273.2
35°	254.4	252.0	249.3	246.9	244.1	245.2	246.2	247.2	248.2	252.0	255.8
37.5°	250.3	249.3	248.6	247.6	246.5	248.9	251.0	253.4	255.4	258.5	261.6
40°	253.0	252.7	252.3	251.7	251.3	252.7	254.1	255.4	256.8	260.9	265.0
42.5°	258.5	258.5	258.1	258.1	257.8	259.2	260.2	261.6	262.6	265.0	267.4
45°	265.7	265.0	264.6	264.0	263.3	262.9	262.9	262.6	262.2	263.6	265.3
47.5°	274.2	271.8	269.1	266.7	264.0	263.3	262.2	261.6	260.5	261.2	261.9
50°	289.2	282.7	276.6	270.1	263.6	261.9	260.2	258.5	256.8	256.4	256.4
52.5°	300.5	290.9	281.4	271.8	262.2	259.2	256.1	253.0	250.0	249.3	248.9
55°	289.6	282.4	275.6	268.4	261.2	256.8	252.0	247.6	242.8	241.8	240.7
57.5°	279.7	275.2	270.8	266.3	261.9	257.5	252.7	248.2	243.5	241.1	238.7
60°	256.1	256.1	256.4	256.4	256.4	251.7	246.9	242.1	237.3	234.9	232.9
62.5°	231.9	235.6	239.0	242.8	246.2	239.7	232.9	226.4	219.6	217.9	216.5
65°	211.7	212.7	214.1	215.1	216.1	211.0	205.9	200.8	195.7	194.6	193.3
67.5°	191.2	190.9	190.5	189.9	189.5	186.4	183.0	180.0	176.5	175.2	173.8
70°	171.4	171.1	170.7	170.1	169.7	167.0	164.2	161.5	158.8	157.8	156.7
72.5°	152.6	152.3	151.6	151.3	150.6	148.2	146.1	143.8	141.4	140.0	138.6
75°	132.1	131.5	130.8	130.1	129.4	127.4	125.3	122.9	120.9	119.5	118.1
77.5°	113.0	112.0	111.0	109.6	108.6	106.9	104.8	103.1	101.1	99.4	98.0
80°	91.2	90.5	89.8	88.8	88.1	86.4	84.7	82.6	80.9	78.9	77.2
82.5°	68.3	68.0	67.3	66.9	66.2	64.5	62.8	61.1	59.4	57.4	55.3
85°	44.0	43.7	43.4	43.0	42.7	41.3	40.3	38.9	37.6	35.5	33.8
87.5°	15.7	15.0	14.7	14.0	13.3	13.0	12.3	12.0	11.3	10.2	9.2
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: P596950  
 CATALOG NUMBER: MSA-SA2B-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: P596950

CATALOG NUMBER: MSA-SA2B-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0
2.5°	774.4	787.4	787.8	787.8	793.9	799.7	787.8	775.8	763.5	751.6	739.6
5°	825.3	830.4	829.1	827.4	819.9	812.4	804.5	796.6	788.8	780.9	781.3
7.5°	707.2	719.8	730.1	740.0	730.4	720.8	715.7	710.6	705.5	700.4	699.7
10°	563.4	566.8	570.9	574.7	568.9	562.7	573.0	583.2	593.1	603.4	592.1
12.5°	523.5	526.5	519.4	511.9	509.5	507.1	504.7	502.0	499.6	496.8	495.5
15°	451.8	446.3	440.8	435.0	433.7	432.0	430.2	428.2	426.5	424.4	418.3
17.5°	390.6	385.2	376.0	366.4	362.6	358.5	357.5	356.5	355.1	354.1	348.3
20°	337.0	333.3	330.9	328.2	324.4	320.6	316.9	313.1	309.0	305.3	299.8
22.5°	323.0	318.9	315.9	312.4	311.8	311.1	304.2	297.1	290.2	283.1	280.0
25°	395.8	396.8	378.0	358.9	357.2	355.5	343.2	330.5	318.2	305.6	295.0
27.5°	427.5	428.5	427.9	427.2	421.7	415.9	395.1	373.9	353.1	331.9	316.9
30°	383.5	396.8	401.9	407.0	403.3	399.2	377.3	355.8	334.0	312.1	302.2
32.5°	278.0	282.7	291.3	299.5	303.9	308.0	301.2	294.3	287.5	280.7	279.0
35°	259.2	262.9	264.6	266.3	263.6	260.9	255.8	250.6	245.2	240.1	239.0
37.5°	264.3	267.4	270.8	274.2	266.7	258.8	253.0	247.6	241.8	236.0	231.2
40°	269.1	273.2	275.2	277.3	269.8	262.2	255.1	248.2	241.1	233.9	229.1
42.5°	269.8	272.1	275.9	279.7	269.1	258.1	251.7	244.8	238.3	231.5	226.7
45°	266.7	268.1	271.5	274.9	262.6	250.0	244.1	238.0	232.2	226.1	222.0
47.5°	262.2	262.9	265.7	268.1	255.1	241.8	236.3	230.8	225.0	219.6	215.5
50°	256.1	255.8	257.8	259.5	246.2	232.9	227.4	222.3	216.8	211.4	208.0
52.5°	248.2	247.6	249.6	251.3	237.3	223.3	218.5	214.1	209.3	204.5	201.8
55°	239.4	238.3	240.1	241.8	228.1	214.1	210.0	205.6	201.5	197.0	194.6
57.5°	236.0	233.6	234.6	235.6	220.2	204.9	200.8	196.7	192.6	188.5	186.8
60°	230.5	228.1	229.1	229.8	213.4	196.7	192.9	188.8	185.1	181.0	179.3
62.5°	214.8	213.1	214.4	215.8	201.1	186.1	182.7	179.6	176.2	172.8	170.4
65°	192.2	190.9	193.6	196.3	183.7	171.1	169.0	167.0	164.6	162.5	160.1
67.5°	172.4	171.1	173.8	176.5	167.3	158.1	156.1	154.0	152.0	149.9	148.5
70°	155.7	154.7	157.1	159.5	151.6	143.8	141.7	140.0	138.0	135.9	134.9
72.5°	136.9	135.6	138.6	141.4	134.9	128.1	126.3	124.3	122.6	120.5	119.9
75°	116.8	115.4	118.1	120.5	116.1	111.3	109.6	107.9	106.2	104.5	104.1
77.5°	96.3	94.6	97.3	99.7	97.0	93.9	92.5	90.8	89.5	87.8	87.8
80°	75.1	73.1	75.1	76.8	75.8	74.8	73.8	72.4	71.4	70.0	70.3
82.5°	53.3	51.2	52.2	53.3	54.0	54.6	54.6	54.6	54.6	54.6	54.6
85°	31.8	29.7	30.0	30.4	31.4	32.4	32.8	33.1	33.5	33.8	34.1
87.5°	8.2	7.2	6.5	5.5	6.5	7.2	7.9	8.2	8.9	9.2	9.2
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: P596950  
 CATALOG NUMBER: MSA-SA2B-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: P596950  
 CATALOG NUMBER: MSA-SA2B-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0
2.5°	727.7	715.4	703.4	710.9	718.1	725.6	732.8	733.1	733.1	733.5	733.5
5°	782.0	782.3	782.6	775.5	768.6	761.5	754.3	750.5	746.8	742.7	738.9
7.5°	698.6	698.0	696.9	690.1	683.3	676.4	669.6	653.2	636.5	620.1	603.4
10°	580.5	569.2	557.6	554.9	552.5	549.8	547.0	542.6	538.5	534.1	529.6
12.5°	494.1	492.7	491.4	484.2	477.0	469.5	462.3	462.3	462.3	462.3	462.3
15°	411.8	405.7	399.2	395.8	392.0	388.6	384.8	383.1	381.4	379.7	378.0
17.5°	342.2	336.3	330.2	329.5	328.8	328.2	327.5	325.8	324.1	322.3	320.6
20°	294.3	288.9	283.4	285.5	287.5	289.2	291.3	289.6	287.9	285.8	284.1
22.5°	276.6	273.5	270.1	268.4	266.7	264.6	262.9	262.9	263.3	263.3	263.3
25°	284.8	274.2	263.6	258.5	253.4	247.9	242.8	240.7	239.0	237.0	234.9
27.5°	301.9	286.5	271.5	262.6	253.7	244.8	236.0	232.2	228.1	224.3	220.2
30°	292.0	282.1	271.8	261.6	251.3	241.1	230.8	226.1	221.3	216.1	211.4
32.5°	277.3	275.2	273.5	264.0	254.4	244.5	234.9	232.9	231.2	229.1	227.1
35°	237.7	236.6	235.3	232.9	230.5	228.1	225.7	223.0	220.2	217.5	214.8
37.5°	226.7	222.0	217.2	216.1	215.1	214.1	213.1	212.1	211.0	209.7	208.6
40°	224.3	219.6	214.8	213.1	211.4	209.3	207.6	208.0	208.6	209.0	209.3
42.5°	221.6	216.8	211.7	210.3	209.0	207.6	206.2	206.6	207.3	207.6	208.0
45°	218.2	214.1	210.0	207.6	205.6	203.2	200.8	202.8	204.9	206.6	208.6
47.5°	211.4	206.9	202.8	201.5	200.1	198.4	197.0	199.1	201.1	202.8	204.9
50°	204.2	200.8	197.0	196.7	196.3	195.7	195.3	196.7	198.1	199.4	200.8
52.5°	198.7	196.0	192.9	192.9	192.6	192.6	192.2	193.6	195.0	196.0	197.4
55°	192.6	190.2	187.8	188.1	188.8	189.2	189.5	190.9	192.6	194.0	195.3
57.5°	184.7	183.0	181.0	182.3	183.4	184.7	185.8	186.8	188.1	189.2	190.2
60°	177.2	175.5	173.5	174.8	176.5	177.9	179.3	180.3	181.3	182.3	183.4
62.5°	168.0	165.3	162.9	164.9	166.6	168.7	170.4	171.1	172.1	172.8	173.5
65°	158.1	155.7	153.3	154.7	156.1	157.1	158.4	159.5	160.5	161.5	162.5
67.5°	146.8	145.5	143.8	144.8	145.8	146.8	147.9	148.2	148.2	148.5	148.5
70°	133.5	132.5	131.1	131.8	132.8	133.5	134.2	134.2	134.2	133.9	133.9
72.5°	119.5	118.8	118.1	118.5	119.2	119.5	119.9	119.5	119.2	118.8	118.5
75°	103.8	103.5	103.1	103.5	104.1	104.5	104.8	104.5	103.8	103.5	102.8
77.5°	88.1	88.1	88.1	88.1	88.4	88.4	88.4	87.8	87.1	86.4	85.7
80°	70.7	71.0	71.4	71.4	71.4	71.4	71.4	70.7	70.0	69.0	68.3
82.5°	54.6	54.6	54.6	54.6	55.0	55.0	55.0	53.3	51.9	50.2	48.5
85°	34.1	34.5	34.5	34.8	35.2	35.2	35.5	33.1	31.1	28.7	26.3
87.5°	9.2	9.2	9.2	9.2	9.2	8.9	8.9	6.8	4.4	2.4	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: P596950  
 CATALOG NUMBER: MSA-SA2B-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: P596950  
 CATALOG NUMBER: MSA-SA2B-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0
2.5°	735.5	737.6	739.3	741.3	741.7	742.0	742.0	742.4	735.2	728.0	720.5
5°	744.1	748.8	754.0	758.7	757.7	756.7	755.7	754.6	752.6	750.9	748.8
7.5°	599.6	596.2	592.4	588.7	591.8	594.8	597.9	601.0	602.3	603.7	604.7
10°	521.1	512.5	504.0	495.5	490.7	485.6	480.8	475.7	475.0	474.6	474.0
12.5°	453.5	444.2	435.4	426.2	423.4	420.3	417.6	414.5	417.3	420.0	422.4
15°	374.2	370.8	367.1	363.3	366.4	369.5	372.5	375.6	378.3	380.7	383.5
17.5°	318.9	317.6	315.9	314.2	316.9	320.0	322.7	325.4	331.6	337.7	343.9
20°	282.7	281.7	280.3	279.0	278.0	276.6	275.6	274.2	283.1	291.6	300.5
22.5°	261.2	259.2	257.1	255.1	255.4	255.8	255.8	256.1	263.3	270.8	278.0
25°	234.2	233.6	232.9	232.2	234.2	236.3	238.0	240.1	246.5	253.0	259.2
27.5°	220.6	220.9	221.3	221.6	224.3	227.4	230.1	232.9	237.3	241.8	246.2
30°	213.1	215.1	216.8	218.5	219.6	220.6	221.6	222.6	227.1	231.2	235.6
32.5°	224.3	221.6	218.5	215.8	217.2	218.9	220.2	221.6	225.7	229.8	233.9
35°	213.8	212.4	211.4	210.0	211.7	213.4	214.8	216.5	220.2	223.7	227.4
37.5°	208.3	208.0	207.6	207.3	208.3	209.3	210.0	211.0	214.4	217.9	220.9
40°	208.0	206.2	204.9	203.2	204.2	205.2	205.9	206.9	211.0	215.1	219.2
42.5°	205.9	203.9	201.5	199.4	200.4	201.8	202.8	203.9	208.3	212.4	216.8
45°	205.6	202.5	199.1	196.0	197.4	198.7	200.1	201.5	204.9	208.3	211.4
47.5°	201.8	198.7	195.7	192.6	193.3	194.0	194.3	195.0	198.1	200.8	203.9
50°	198.7	196.3	194.3	191.9	190.9	190.2	189.2	188.1	190.5	192.9	195.3
52.5°	195.0	192.6	189.9	187.5	186.1	184.7	183.4	182.0	184.1	185.8	187.8
55°	192.6	189.5	186.8	183.7	182.0	180.3	178.6	176.9	178.2	179.3	180.6
57.5°	187.5	184.7	181.7	178.9	176.9	174.8	172.4	170.4	171.1	171.8	172.4
60°	180.6	177.6	174.8	171.8	169.4	167.0	164.2	161.9	162.2	162.9	163.2
62.5°	170.7	168.0	164.9	162.2	159.5	157.1	154.3	151.6	152.3	152.6	153.3
65°	159.8	156.7	154.0	150.9	148.5	146.1	143.4	141.0	141.7	142.4	142.7
67.5°	146.5	144.1	142.1	139.7	137.6	135.2	133.2	130.8	131.1	131.5	131.8
70°	132.1	130.1	128.4	126.3	124.6	122.9	121.2	119.5	119.5	119.9	119.9
72.5°	116.8	115.1	113.4	111.7	110.0	108.6	106.9	105.2	105.9	106.5	106.9
75°	101.1	99.7	98.0	96.3	94.9	93.6	91.9	90.5	91.2	91.9	92.2
77.5°	84.7	83.7	82.3	81.3	79.9	78.5	76.8	75.5	76.1	76.8	77.2
80°	67.6	66.9	65.9	65.2	63.9	62.5	61.1	59.8	60.1	60.1	60.4
82.5°	48.8	49.2	49.2	49.5	48.5	47.1	46.1	44.7	44.7	44.7	44.4
85°	27.3	28.7	29.7	30.7	29.7	28.7	27.7	26.6	26.3	26.3	26.0
87.5°	1.0	1.7	2.7	3.4	3.1	2.7	2.0	1.7	2.0	2.4	2.4
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: P596950  
 CATALOG NUMBER: MSA-SA2B-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: P596950

CATALOG NUMBER: MSA-SA2B-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0
2.5°	713.3	719.1	724.9	730.7	736.5	745.4	754.3	763.5	772.7	767.6	762.2
5°	746.8	750.2	754.0	757.4	760.8	770.7	780.3	792.2	803.8	802.4	800.7
7.5°	606.1	610.9	615.7	620.1	624.9	639.9	654.9	667.6	680.2	678.5	676.4
10°	473.3	483.2	493.4	503.3	513.2	525.5	537.5	548.1	558.6	576.4	593.8
12.5°	425.1	440.5	455.9	471.2	486.6	495.5	504.0	517.7	531.3	540.9	550.8
15°	385.9	400.2	414.5	428.9	443.2	443.9	444.6	458.9	473.3	481.5	489.3
17.5°	350.0	357.9	365.7	373.2	381.1	378.3	375.6	382.4	388.9	392.3	396.1
20°	309.0	314.5	320.0	325.4	330.9	334.6	338.1	342.2	345.9	342.5	338.7
22.5°	285.1	293.3	301.9	310.1	318.2	320.6	322.7	320.3	317.9	316.9	315.9
25°	265.7	275.6	285.8	295.7	305.6	310.4	315.2	317.2	318.9	315.2	311.4
27.5°	250.6	262.6	274.2	286.1	297.8	306.3	314.8	317.2	319.3	316.5	313.5
30°	239.7	252.7	265.7	278.6	291.6	304.6	317.2	328.5	339.4	338.4	337.4
32.5°	238.0	246.9	255.8	264.6	273.5	281.7	289.6	290.2	290.6	287.9	284.8
35°	230.8	236.6	242.4	248.2	254.1	259.2	264.0	263.3	262.6	259.9	257.1
37.5°	224.3	230.1	236.3	242.1	247.9	256.8	265.3	263.6	261.6	258.8	256.1
40°	223.3	229.8	236.3	242.4	248.9	257.1	265.3	263.6	261.9	258.5	255.1
42.5°	220.9	227.4	233.6	240.1	246.2	256.1	265.7	262.6	259.2	256.4	253.7
45°	214.8	220.6	226.4	232.2	238.0	248.6	259.2	255.4	251.7	250.6	249.3
47.5°	206.6	212.4	218.2	224.0	229.8	240.4	250.6	247.6	244.1	243.8	243.1
50°	197.7	203.2	209.0	214.4	219.9	230.5	240.7	238.0	235.3	235.6	235.6
52.5°	189.5	194.6	199.4	204.5	209.3	219.9	230.1	228.1	225.7	226.4	226.7
55°	181.7	185.8	189.9	194.0	198.1	208.3	218.5	215.5	212.4	213.4	214.4
57.5°	173.1	176.5	180.0	183.0	186.4	196.7	206.6	203.2	199.4	201.1	202.5
60°	163.6	166.6	169.7	172.4	175.5	184.7	193.6	190.5	187.1	189.5	191.6
62.5°	153.7	156.1	158.4	160.8	163.2	171.8	180.3	177.9	175.5	178.2	180.6
65°	143.4	145.1	147.2	148.9	150.6	158.8	166.6	164.9	163.2	165.6	168.0
67.5°	132.1	133.5	135.2	136.6	138.0	145.5	153.0	151.3	149.2	151.3	153.0
70°	119.9	121.2	122.2	123.6	124.6	131.5	138.3	135.9	133.2	135.2	136.9
72.5°	107.6	108.2	109.3	110.0	110.6	115.8	120.9	118.8	116.8	118.8	120.5
75°	92.9	93.6	94.2	94.9	95.6	100.1	104.1	101.8	99.0	101.1	103.1
77.5°	77.9	78.2	78.9	79.2	79.6	82.6	85.4	83.0	80.2	82.6	85.0
80°	60.4	60.8	61.1	61.1	61.5	62.5	63.5	61.8	59.8	62.8	65.9
82.5°	44.4	44.0	44.0	43.7	43.4	43.4	43.0	42.0	40.6	43.4	46.1
85°	25.6	25.3	24.6	24.2	23.6	22.5	21.5	21.2	20.8	23.2	25.6
87.5°	2.7	2.4	1.7	1.4	0.7	0.3	0.0	0.0	0.0	1.4	3.1
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



REPORT NUMBER: P596950  
 CATALOG NUMBER: MSA-SA2B-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: P596950  
 CATALOG NUMBER: MSA-SA2B-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0
2.5°	757.0	751.6	746.4	741.3	736.2	731.1	740.6	750.2	759.8	769.3	777.9
5°	799.4	797.7	793.2	789.1	784.7	780.3	782.6	785.4	787.8	790.2	795.3
7.5°	674.7	672.7	682.3	691.5	701.0	710.3	712.6	714.7	717.1	719.1	717.8
10°	611.6	629.0	633.4	637.5	642.0	646.1	652.9	659.7	666.2	673.0	676.8
12.5°	560.3	569.9	585.6	601.7	617.4	633.1	643.3	653.6	663.8	674.1	695.2
15°	497.5	505.4	517.3	529.3	541.2	553.2	567.9	582.9	597.6	612.3	635.5
17.5°	399.5	402.9	411.8	420.7	429.2	438.1	457.9	477.4	497.2	516.6	543.3
20°	335.3	331.6	331.6	331.9	331.9	331.9	351.7	371.2	391.0	410.4	445.6
22.5°	314.5	313.5	309.7	305.6	301.9	297.8	308.0	318.6	328.8	339.1	367.8
25°	307.3	303.6	298.8	294.0	289.2	284.4	290.9	297.4	303.9	310.4	332.9
27.5°	310.7	307.7	310.1	312.1	314.5	316.5	318.6	320.6	322.7	324.7	332.6
30°	336.3	335.3	339.1	342.5	346.2	349.7	344.9	340.4	335.7	330.9	333.6
32.5°	282.1	279.0	277.6	276.2	274.9	273.5	273.2	272.8	272.1	271.8	278.0
35°	254.4	251.7	249.6	247.6	245.2	243.1	244.1	244.8	245.9	246.5	253.4
37.5°	253.4	250.6	248.2	245.9	243.1	240.7	241.8	243.1	244.1	245.2	250.3
40°	251.7	248.2	246.9	245.5	244.1	242.8	243.5	244.1	244.5	245.2	248.9
42.5°	250.6	247.9	247.2	246.5	245.9	245.2	245.9	246.5	246.9	247.6	252.0
45°	248.2	246.9	247.6	248.2	248.9	249.6	249.6	249.6	249.6	249.6	254.4
47.5°	242.8	242.1	244.1	246.2	248.2	250.3	253.7	257.1	260.2	263.6	264.6
50°	236.0	236.0	239.4	242.8	245.9	249.3	257.5	265.3	273.5	281.4	276.2
52.5°	227.4	227.8	232.9	237.7	242.8	247.6	255.1	262.6	269.8	277.3	269.8
55°	215.1	216.1	222.6	228.8	235.3	241.4	247.2	253.0	258.8	264.6	256.8
57.5°	204.2	205.6	212.4	218.9	225.7	232.2	235.6	239.4	242.8	246.2	241.1
60°	194.0	196.0	204.9	213.8	222.3	231.2	228.4	225.7	222.6	219.9	219.6
62.5°	183.4	185.8	194.0	202.1	210.0	218.2	214.1	210.0	205.6	201.5	203.2
65°	170.1	172.4	176.2	180.0	183.4	187.1	186.8	186.8	186.4	186.1	189.5
67.5°	155.0	156.7	159.1	161.2	163.6	165.6	167.0	168.7	170.1	171.4	175.5
70°	139.0	140.7	143.1	145.1	147.5	149.6	151.3	153.0	154.3	156.1	160.1
72.5°	122.6	124.3	126.7	129.1	131.1	133.5	134.9	136.2	137.3	138.6	142.1
75°	105.2	107.2	109.6	111.7	114.1	116.1	117.1	118.1	119.2	120.2	123.3
77.5°	87.4	89.8	92.2	94.6	97.0	99.4	99.7	100.1	100.4	100.7	103.5
80°	68.6	71.7	74.1	76.5	78.9	81.3	81.3	81.3	81.3	81.3	82.6
82.5°	48.8	51.6	54.3	56.7	59.4	61.8	61.8	61.5	61.5	61.1	61.1
85°	28.0	30.4	32.1	34.1	35.9	37.6	37.6	37.6	37.2	37.2	36.5
87.5°	4.4	5.8	6.5	7.5	8.2	8.9	8.5	8.5	8.2	7.9	6.8
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: P596950  
 CATALOG NUMBER: MSA-SA2B-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: P596950

CATALOG NUMBER: MSA-SA2B-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0
2.5°	786.4	794.9	803.5	802.1	800.7	799.4	798.0	803.1	807.9	813.0	817.8
5°	800.1	805.2	810.0	813.7	817.5	821.2	825.0	842.4	859.5	876.9	894.0
7.5°	716.4	714.7	713.3	729.4	745.8	761.8	777.9	800.1	822.3	844.4	866.6
10°	680.5	684.3	688.1	694.5	701.4	707.9	714.4	736.2	758.1	779.9	801.8
12.5°	716.1	737.2	758.1	763.2	768.6	773.8	778.9	783.3	787.8	791.9	796.3
15°	658.7	681.9	705.1	718.4	731.8	744.7	758.1	791.5	824.6	858.1	891.2
17.5°	569.6	596.2	622.5	655.3	688.1	720.8	753.6	784.4	815.1	845.5	876.2
20°	480.8	515.6	550.8	586.6	622.2	658.0	693.5	723.6	753.6	783.3	813.4
22.5°	396.1	424.8	453.1	496.8	540.2	583.9	627.3	683.3	738.9	794.9	850.6
25°	355.1	377.7	399.9	444.9	490.0	534.7	579.8	652.5	724.9	797.7	870.1
27.5°	340.8	348.6	356.5	397.5	438.1	479.1	519.7	598.3	676.8	755.0	833.5
30°	336.3	339.1	341.8	373.9	406.0	438.1	470.2	547.7	625.6	703.1	780.6
32.5°	283.8	289.9	295.7	327.1	358.2	389.6	420.7	498.9	576.7	654.9	732.8
35°	260.2	267.0	273.9	304.6	335.3	365.7	396.4	478.7	561.4	643.7	726.0
37.5°	255.4	260.5	265.7	300.5	335.3	370.2	405.0	488.3	571.6	654.9	738.3
40°	253.0	256.8	260.5	294.3	328.5	362.3	396.1	483.5	570.6	658.0	745.1
42.5°	256.1	260.5	264.6	295.4	325.8	356.5	386.9	477.4	567.5	658.0	748.2
45°	258.8	263.6	268.1	296.7	325.4	354.1	382.8	479.4	575.7	672.3	768.6
47.5°	265.3	266.3	267.0	292.0	316.5	341.5	366.1	464.4	562.7	660.7	759.1
50°	270.8	265.7	260.2	286.1	311.8	337.7	363.3	456.5	549.8	642.6	735.9
52.5°	262.2	254.4	246.9	274.9	302.9	330.5	358.5	451.8	545.3	638.5	731.8
55°	249.3	241.4	233.6	261.9	290.2	318.6	346.9	439.8	533.0	625.9	718.8
57.5°	236.3	231.2	226.1	249.3	272.8	296.1	319.3	420.0	520.4	621.1	721.5
60°	219.2	218.5	218.2	236.3	254.7	272.8	290.9	389.6	488.0	586.6	685.0
62.5°	204.5	206.2	207.6	222.3	237.0	251.3	266.0	361.3	456.9	552.2	647.4
65°	193.3	196.7	200.1	216.8	233.6	250.0	266.7	346.6	426.5	506.4	586.3
67.5°	179.6	183.7	187.8	209.7	231.5	253.4	275.2	341.1	407.0	472.9	538.8
70°	163.9	168.0	171.8	199.8	227.4	255.4	283.1	341.5	400.2	458.6	517.0
72.5°	145.5	148.9	152.3	182.3	212.4	242.4	272.5	322.0	371.5	420.7	470.2
75°	126.7	129.8	132.8	158.8	184.7	210.7	236.6	274.9	312.8	351.0	388.9
77.5°	105.9	108.6	111.0	128.4	145.8	163.2	180.6	210.0	239.0	268.4	297.4
80°	84.0	85.4	86.7	97.0	106.9	117.1	127.0	146.5	166.0	185.1	204.5
82.5°	61.5	61.5	61.5	68.0	74.8	81.3	87.8	97.7	107.2	117.1	126.7
85°	35.9	34.8	34.1	38.6	43.0	47.5	51.9	56.0	60.1	64.2	68.3
87.5°	5.8	4.4	3.4	6.1	8.9	11.6	14.3	15.7	17.4	18.8	20.1
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



REPORT NUMBER: P596950  
 CATALOG NUMBER: MSA-SA2B-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: P596950

CATALOG NUMBER: MSA-SA2B-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0
2.5°	806.2	794.9	783.3	771.7	788.8	805.9	822.9	840.0	885.4	912.4	914.1
5°	908.3	922.6	937.0	951.3	965.7	980.0	994.0	1008.4	1082.1	1127.5	1136.1
7.5°	890.2	914.1	937.7	961.2	1001.9	1042.5	1083.1	1123.8	1186.3	1231.3	1261.0
10°	831.1	860.5	889.9	919.2	967.4	1015.9	1064.0	1112.2	1178.4	1237.8	1266.2
12.5°	843.1	889.9	936.3	983.1	1024.7	1066.7	1108.4	1150.1	1195.8	1218.4	1269.9
15°	923.7	956.1	988.5	1021.0	1083.8	1146.3	1209.1	1271.6	1297.6	1349.1	1395.6
17.5°	936.0	995.4	1055.1	1114.6	1191.4	1268.2	1345.0	1421.9	1470.0	1536.6	1592.6
20°	897.7	981.7	1066.1	1150.1	1249.1	1348.5	1447.5	1546.5	1607.6	1663.6	1750.4
22.5°	943.5	1036.4	1128.9	1221.8	1353.2	1484.4	1615.8	1746.9	1874.7	1999.6	2058.4
25°	994.0	1118.3	1242.3	1366.2	1530.5	1694.4	1858.6	2022.5	2186.8	2303.9	2371.5
27.5°	958.5	1083.1	1208.1	1332.7	1535.9	1739.4	1942.6	2145.8	2321.6	2462.7	2520.7
30°	933.6	1086.5	1239.5	1392.5	1630.8	1869.2	2107.5	2345.9	2508.4	2665.8	2751.2
32.5°	929.1	1125.5	1321.5	1517.8	1795.4	2072.7	2350.3	2627.6	2735.5	2875.2	2990.2
35°	941.4	1157.2	1372.7	1588.2	1906.4	2224.7	2542.6	2860.8	3014.1	3152.4	3253.2
37.5°	979.0	1219.7	1460.1	1700.9	2084.3	2468.1	2851.6	3235.1	3492.2	3745.2	3790.3
40°	1000.2	1255.6	1510.7	1765.7	2211.7	2657.6	3103.6	3549.6	3845.3	4122.9	4141.7
42.5°	1025.1	1302.0	1578.6	1855.5	2350.0	2844.8	3339.2	3833.7	4199.7	4498.2	4507.0
45°	1053.8	1338.6	1623.7	1908.5	2424.8	2940.7	3457.0	3973.0	4415.5	4778.2	4689.7
47.5°	1065.0	1371.3	1677.3	1983.2	2533.7	3083.8	3634.2	4184.3	4581.5	4911.3	4826.6
50°	1069.5	1403.4	1737.0	2070.7	2640.9	3211.5	3781.8	4352.0	4756.0	5077.6	4947.9
52.5°	1097.1	1462.5	1827.9	2193.2	2787.4	3381.6	3975.7	4569.9	4967.3	5276.4	5115.2
55°	1134.4	1549.9	1965.1	2380.7	2995.7	3610.3	4225.3	4840.0	5238.8	5526.3	5326.6
57.5°	1168.8	1616.5	2063.8	2511.2	3148.3	3785.9	4423.0	5060.2	5464.2	5748.6	5555.0
60°	1152.1	1619.2	2086.4	2553.5	3179.7	3805.7	4431.9	5057.8	5516.4	5857.5	5758.5
62.5°	1101.6	1555.7	2009.5	2463.7	3058.2	3652.3	4246.8	4841.0	5377.8	5815.2	5810.8
65°	1004.3	1422.2	1839.8	2257.8	2807.9	3358.3	3908.4	4458.5	5091.3	5622.6	5657.1
67.5°	885.8	1232.7	1579.6	1926.6	2444.6	2962.6	3480.6	3998.6	4675.0	5261.3	5291.0
70°	771.0	1025.4	1279.5	1533.5	1988.4	2443.2	2897.7	3352.5	4035.8	4628.9	4656.3
72.5°	636.5	802.8	968.7	1135.0	1503.5	1871.9	2240.0	2608.5	3208.4	3664.6	3818.6
75°	487.6	586.3	685.0	783.7	1081.8	1379.9	1677.6	1975.7	2374.6	2711.3	2884.7
77.5°	348.6	399.9	451.1	502.3	755.7	1009.0	1262.1	1515.4	1725.1	1916.0	2033.1
80°	228.8	252.7	276.9	300.8	511.5	722.2	932.5	1143.2	1270.9	1373.4	1432.5
82.5°	138.6	150.6	162.2	174.1	344.9	515.6	686.0	856.7	929.8	978.6	1031.2
85°	74.8	81.3	87.8	94.2	203.9	313.1	422.7	532.0	539.2	545.0	623.2
87.5°	21.9	23.9	25.6	27.3	45.1	63.2	80.9	98.7	61.5	38.2	78.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596950  
 CATALOG NUMBER: MSA-SA2B-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: P596950

CATALOG NUMBER: MSA-SA2B-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0
2.5°	904.2	899.8	895.3	890.5	886.1	867.3	848.9	830.1	811.3	829.4	847.2
5°	1126.2	1139.8	1153.1	1166.8	1180.5	1181.5	1182.2	1183.2	1183.9	1187.3	1190.7
7.5°	1286.0	1310.2	1334.1	1358.4	1382.6	1401.4	1420.2	1439.3	1458.1	1441.0	1423.9
10°	1299.6	1350.8	1402.1	1453.3	1504.5	1513.7	1522.6	1531.8	1541.0	1553.3	1565.3
12.5°	1313.3	1375.8	1437.9	1500.4	1562.9	1590.2	1617.2	1644.5	1671.5	1684.8	1697.8
15°	1457.7	1494.6	1531.1	1568.0	1604.6	1623.3	1641.8	1660.6	1679.3	1690.6	1701.5
17.5°	1643.5	1657.1	1670.5	1684.1	1697.8	1710.4	1723.0	1735.7	1748.3	1750.4	1752.4
20°	1812.9	1815.6	1818.0	1820.7	1823.1	1796.5	1770.2	1743.5	1716.9	1721.7	1726.1
22.5°	2066.9	2051.9	2037.2	2022.2	2007.5	1957.3	1907.4	1857.2	1807.4	1785.9	1764.7
25°	2449.3	2411.1	2372.9	2334.6	2296.4	2216.5	2136.9	2057.0	1977.4	1930.7	1884.2
27.5°	2572.6	2489.3	2406.3	2323.0	2239.7	2179.2	2119.1	2058.7	1998.6	1924.5	1850.4
30°	2821.9	2690.4	2559.3	2427.8	2296.4	2238.0	2179.6	2120.9	2062.5	1986.7	1911.2
32.5°	3042.8	2906.2	2769.6	2632.7	2496.1	2385.5	2274.9	2164.2	2053.6	2002.4	1951.1
35°	3298.6	3126.8	2955.1	2783.3	2611.5	2516.6	2422.0	2327.1	2232.5	2155.0	2077.8
37.5°	3671.1	3488.4	3305.7	3122.7	2940.0	2811.6	2683.6	2555.2	2427.2	2384.5	2342.1
40°	4026.2	3810.4	3595.0	3379.2	3163.7	3065.4	2967.0	2868.3	2770.0	2697.9	2625.9
42.5°	4323.7	4110.2	3897.2	3683.8	3470.7	3399.0	3327.6	3255.9	3184.5	3125.1	3065.7
45°	4425.8	4251.6	4077.8	3903.7	3729.5	3704.2	3679.3	3654.0	3629.1	3585.1	3541.0
47.5°	4590.0	4412.4	4235.2	4057.7	3880.1	3889.3	3898.5	3908.1	3917.3	3919.7	3921.8
50°	4686.6	4518.0	4349.6	4180.9	4012.6	4057.3	4101.7	4146.4	4191.2	4292.6	4393.7
52.5°	4827.7	4662.1	4496.8	4331.2	4165.6	4241.4	4316.8	4392.6	4468.1	4610.2	4752.2
55°	5004.5	4846.1	4688.0	4529.6	4371.5	4445.2	4518.6	4592.4	4665.8	4823.9	4982.0
57.5°	5239.1	5069.4	4900.1	4730.4	4561.0	4628.9	4696.5	4764.5	4832.1	4982.4	5132.6
60°	5506.2	5321.8	5137.4	4952.6	4768.3	4787.0	4805.5	4824.3	4842.7	5005.6	5168.1
62.5°	5637.3	5466.6	5296.2	5125.4	4954.7	4902.5	4850.2	4797.6	4745.4	4891.2	5036.6
65°	5523.6	5406.1	5289.0	5171.5	5054.1	4961.9	4870.0	4777.8	4685.6	4776.8	4867.6
67.5°	5161.6	5095.0	5028.8	4962.2	4895.6	4740.9	4586.3	4431.2	4276.5	4282.7	4288.5
70°	4575.0	4557.2	4539.8	4522.1	4504.3	4271.8	4039.6	3807.0	3574.5	3539.0	3503.5
72.5°	3831.6	3843.2	3854.5	3866.1	3877.7	3627.8	3377.8	3127.8	2877.9	2818.8	2759.7
75°	2967.7	3031.9	3096.1	3160.6	3224.8	2985.8	2746.8	2507.4	2268.4	2195.6	2122.9
77.5°	2097.0	2216.8	2336.3	2456.2	2576.0	2359.9	2144.1	1927.9	1711.8	1664.7	1617.5
80°	1462.2	1520.9	1579.6	1638.4	1697.1	1588.5	1479.9	1371.3	1262.7	1275.7	1288.4
82.5°	1065.0	1078.7	1092.0	1105.7	1119.3	1074.9	1030.5	985.8	941.4	975.2	1009.0
85°	682.3	731.1	779.6	828.4	876.9	827.7	778.5	729.0	679.9	702.4	724.9
87.5°	152.6	241.4	330.2	419.3	508.1	460.3	412.8	365.0	317.2	295.7	274.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596950  
 CATALOG NUMBER: MSA-SA2B-835-U-SLR

**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: P596950

CATALOG NUMBER: MSA-SA2B-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0
2.5°	865.3	883.4	877.9	872.8	867.3	861.9	871.8	881.7	891.9	901.8	898.4
5°	1194.5	1197.9	1165.4	1133.3	1100.9	1068.5	1088.6	1108.7	1128.9	1149.0	1141.9
7.5°	1406.8	1389.8	1371.0	1352.2	1333.1	1314.3	1310.2	1306.1	1301.7	1297.6	1292.1
10°	1577.6	1589.5	1577.2	1565.3	1553.0	1540.7	1512.0	1483.3	1454.3	1425.6	1413.7
12.5°	1711.1	1724.4	1727.5	1730.2	1733.3	1736.4	1704.3	1672.5	1640.4	1608.3	1579.3
15°	1712.8	1724.1	1734.0	1743.5	1753.4	1763.0	1743.2	1723.7	1703.9	1684.1	1674.9
17.5°	1754.8	1756.9	1748.7	1740.8	1732.6	1724.8	1716.9	1709.4	1701.5	1694.0	1679.3
20°	1730.9	1735.7	1734.7	1733.6	1732.3	1731.2	1731.9	1732.3	1732.9	1733.3	1725.1
22.5°	1743.2	1721.7	1726.1	1730.2	1734.7	1738.8	1751.0	1763.3	1776.0	1788.3	1821.0
25°	1837.4	1790.7	1783.5	1776.7	1769.5	1762.7	1794.8	1826.5	1858.6	1890.7	1944.0
27.5°	1776.0	1701.9	1685.5	1669.1	1652.7	1636.3	1685.1	1733.6	1782.5	1831.3	1885.6
30°	1835.4	1759.9	1723.7	1687.5	1651.0	1614.8	1661.6	1708.0	1754.8	1801.2	1861.3
32.5°	1899.9	1848.7	1824.5	1800.6	1776.3	1752.4	1756.2	1759.9	1763.7	1767.4	1852.1
35°	2000.3	1922.8	1898.9	1875.0	1851.1	1827.2	1867.1	1906.8	1946.7	1986.3	2058.0
37.5°	2299.4	2256.8	2213.7	2170.7	2127.3	2084.3	2107.9	2131.4	2155.0	2178.6	2246.2
40°	2553.8	2481.8	2474.6	2467.8	2460.6	2453.4	2455.5	2457.2	2459.2	2461.3	2519.0
42.5°	3005.9	2946.5	2910.0	2873.4	2836.9	2800.4	2798.0	2795.6	2792.9	2790.5	2833.8
45°	3496.6	3452.6	3425.3	3397.9	3370.3	3343.0	3299.6	3256.2	3212.5	3169.2	3207.1
47.5°	3924.1	3926.5	3976.0	4025.2	4074.7	4124.2	4050.1	3976.0	3902.0	3827.9	3779.0
50°	4495.1	4596.2	4608.1	4619.7	4631.7	4643.6	4518.0	4392.6	4267.0	4141.3	4090.1
52.5°	4894.6	5036.6	5018.2	5000.1	4981.7	4963.2	4890.5	4818.1	4745.4	4672.6	4561.0
55°	5140.5	5298.6	5284.6	5270.9	5256.9	5242.9	5190.0	5137.0	5084.1	5031.2	4908.6
57.5°	5282.8	5433.1	5437.2	5441.3	5445.4	5449.5	5435.5	5421.5	5407.5	5393.5	5234.0
60°	5331.0	5493.9	5495.6	5496.9	5498.7	5500.0	5477.8	5455.6	5433.1	5410.9	5306.7
62.5°	5182.5	5327.9	5334.4	5340.6	5347.0	5353.5	5338.2	5322.8	5307.4	5292.1	5214.9
65°	4958.8	5050.0	5051.7	5053.0	5054.7	5056.5	5017.5	4978.9	4940.0	4901.1	4882.6
67.5°	4294.6	4300.8	4337.0	4373.2	4409.4	4445.6	4448.6	4451.7	4455.1	4458.2	4431.6
70°	3467.9	3432.4	3471.7	3511.0	3550.2	3589.5	3606.2	3623.0	3640.0	3656.8	3669.1
72.5°	2700.3	2641.3	2670.3	2699.3	2728.7	2757.7	2732.8	2707.8	2682.9	2658.0	2736.9
75°	2050.2	1977.4	1973.7	1970.3	1966.5	1963.1	1950.5	1937.8	1924.9	1912.2	1986.0
77.5°	1570.1	1522.9	1525.3	1527.4	1529.8	1531.8	1518.8	1506.2	1493.2	1480.3	1508.6
80°	1301.3	1314.0	1314.3	1314.7	1315.0	1315.3	1303.0	1291.1	1278.8	1266.5	1246.0
82.5°	1043.2	1077.0	1076.6	1076.6	1076.3	1076.0	1075.3	1074.6	1073.6	1072.9	1039.4
85°	747.5	770.0	746.8	723.6	700.4	677.1	694.2	711.3	728.7	745.8	731.8
87.5°	253.0	231.9	204.2	176.9	149.2	121.6	151.3	181.0	211.0	240.7	257.8
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: P596950  
 CATALOG NUMBER: MSA-SA2B-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: P596950

CATALOG NUMBER: MSA-SA2B-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0	742.0
2.5°	895.3	891.9	888.8	867.3	845.5	824.0	802.1	841.7	881.7	921.3	960.9
5°	1135.0	1127.9	1121.0	1119.3	1117.6	1115.6	1113.9	1134.0	1154.2	1174.0	1194.1
7.5°	1286.6	1281.2	1275.7	1261.4	1247.4	1233.0	1218.7	1231.0	1242.9	1255.2	1267.2
10°	1402.1	1390.1	1378.2	1347.1	1316.4	1285.3	1254.2	1245.0	1235.8	1226.6	1217.3
12.5°	1550.3	1520.9	1491.9	1456.7	1421.2	1386.0	1350.5	1345.7	1340.9	1336.5	1331.7
15°	1666.0	1656.8	1647.6	1619.6	1591.6	1563.6	1535.6	1498.0	1460.1	1422.6	1385.0
17.5°	1665.0	1650.3	1636.0	1673.5	1710.8	1748.3	1785.5	1745.6	1705.3	1665.3	1625.4
20°	1716.9	1708.4	1700.2	1769.5	1838.5	1907.8	1976.8	1954.9	1932.7	1910.9	1888.7
22.5°	1853.5	1886.3	1918.7	1978.1	2037.2	2096.6	2155.7	2180.6	2205.5	2230.5	2255.4
25°	1996.9	2050.2	2103.4	2191.9	2280.0	2368.4	2456.9	2474.6	2492.4	2510.1	2527.9
27.5°	1939.5	1993.8	2048.1	2115.1	2181.6	2248.6	2315.2	2393.0	2471.2	2549.1	2626.9
30°	1921.1	1981.2	2041.0	2132.8	2224.3	2316.2	2408.0	2515.3	2622.5	2729.4	2836.6
32.5°	1936.5	2021.1	2105.8	2230.1	2354.1	2478.4	2602.7	2715.4	2828.4	2941.1	3053.7
35°	2129.4	2201.1	2272.5	2411.4	2550.4	2689.4	2828.4	2960.5	3092.7	3224.5	3356.6
37.5°	2313.4	2381.1	2448.7	2590.7	2732.4	2874.5	3016.5	3225.2	3434.1	3642.8	3851.4
40°	2576.4	2634.1	2691.4	2813.0	2934.6	3056.1	3177.7	3429.4	3681.0	3932.7	4184.3
42.5°	2876.9	2920.2	2963.3	3089.3	3215.3	3341.3	3467.3	3741.1	4015.3	4289.2	4563.0
45°	3244.6	3282.5	3320.4	3407.2	3493.9	3581.0	3667.7	3950.1	4232.5	4514.9	4797.3
47.5°	3730.2	3681.4	3632.5	3675.2	3717.9	3760.6	3803.3	4082.6	4361.9	4640.9	4920.2
50°	4038.9	3987.7	3936.4	3940.2	3943.6	3947.4	3951.1	4211.7	4472.2	4732.4	4992.9
52.5°	4449.3	4337.3	4225.7	4224.6	4223.6	4222.2	4221.2	4448.3	4675.7	4902.8	5129.9
55°	4786.0	4663.4	4540.8	4516.9	4493.0	4468.8	4444.9	4669.6	4893.9	5118.6	5342.9
57.5°	5074.6	4914.7	4755.3	4717.7	4680.2	4642.6	4605.0	4847.1	5089.6	5331.7	5573.8
60°	5202.9	5098.8	4995.0	4948.9	4902.8	4856.7	4810.6	5016.8	5223.1	5429.0	5635.2
62.5°	5138.1	5060.9	4984.1	4994.6	5005.2	5015.8	5026.4	5144.2	5262.4	5380.2	5498.0
65°	4864.5	4846.1	4828.0	4913.4	4998.7	5084.1	5169.5	5171.2	5172.9	5174.6	5176.3
67.5°	4404.9	4378.3	4351.7	4529.2	4706.4	4884.0	5061.6	4977.2	4892.9	4808.9	4724.5
70°	3681.0	3693.3	3705.3	3947.0	4188.4	4430.2	4672.0	4549.7	4427.1	4304.9	4182.3
72.5°	2815.7	2895.0	2973.8	3224.5	3475.1	3725.8	3976.4	3836.7	3696.7	3557.1	3417.1
75°	2059.7	2133.5	2207.2	2454.8	2702.4	2950.3	3197.8	3031.9	2865.9	2700.3	2534.4
77.5°	1536.9	1565.6	1594.0	1799.9	2005.4	2211.3	2416.9	2250.3	2083.6	1917.3	1750.7
80°	1225.9	1205.4	1185.2	1299.3	1413.3	1527.4	1641.4	1523.3	1404.8	1286.6	1168.5
82.5°	1006.3	972.8	939.7	982.1	1024.4	1067.1	1109.4	1014.8	920.3	825.7	731.1
85°	717.8	703.8	689.8	702.1	714.0	726.3	738.6	646.4	554.2	462.3	370.2
87.5°	274.5	291.6	308.7	328.2	347.3	366.7	385.9	302.2	218.5	135.2	51.6
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: P596950  
 CATALOG NUMBER: MSA-SA2B-835-U-SLR

**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°	742.0	742.0
2.5°	977.3	993.7
5°	1193.8	1193.4
7.5°	1261.7	1255.9
10°	1202.3	1187.3
12.5°	1287.3	1242.6
15°	1340.6	1295.9
17.5°	1558.1	1490.5
20°	1808.4	1727.8
22.5°	2132.8	2010.2
25°	2381.4	2234.6
27.5°	2539.8	2452.4
30°	2736.5	2636.5
32.5°	2980.0	2905.9
35°	3289.0	3221.1
37.5°	3830.2	3808.7
40°	4158.7	4132.8
42.5°	4564.1	4564.7
45°	4812.6	4828.0
47.5°	4959.1	4997.7
50°	5075.9	5158.6
52.5°	5242.9	5355.9
55°	5493.2	5643.1
57.5°	5701.5	5829.2
60°	5701.5	5767.4
62.5°	5496.3	5494.2
65°	5144.6	5112.5
67.5°	4684.3	4644.0
70°	4119.5	4056.3
72.5°	3338.9	3260.3
75°	2426.8	2318.9
77.5°	1699.5	1647.9
80°	1193.4	1218.4
82.5°	766.6	802.1
85°	364.7	359.2
87.5°	43.0	34.5
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



REPORT NUMBER: P596950  
CATALOG NUMBER: MSA-SA2B-835-U-SLR

**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)