

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: P596884

Luminaire Tested: **MSA-SA1C-835-U-SLR**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P596884  
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-SA1C-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: 4429 lumens  
Efficiency: N/A  
Efficacy: 75.1 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2

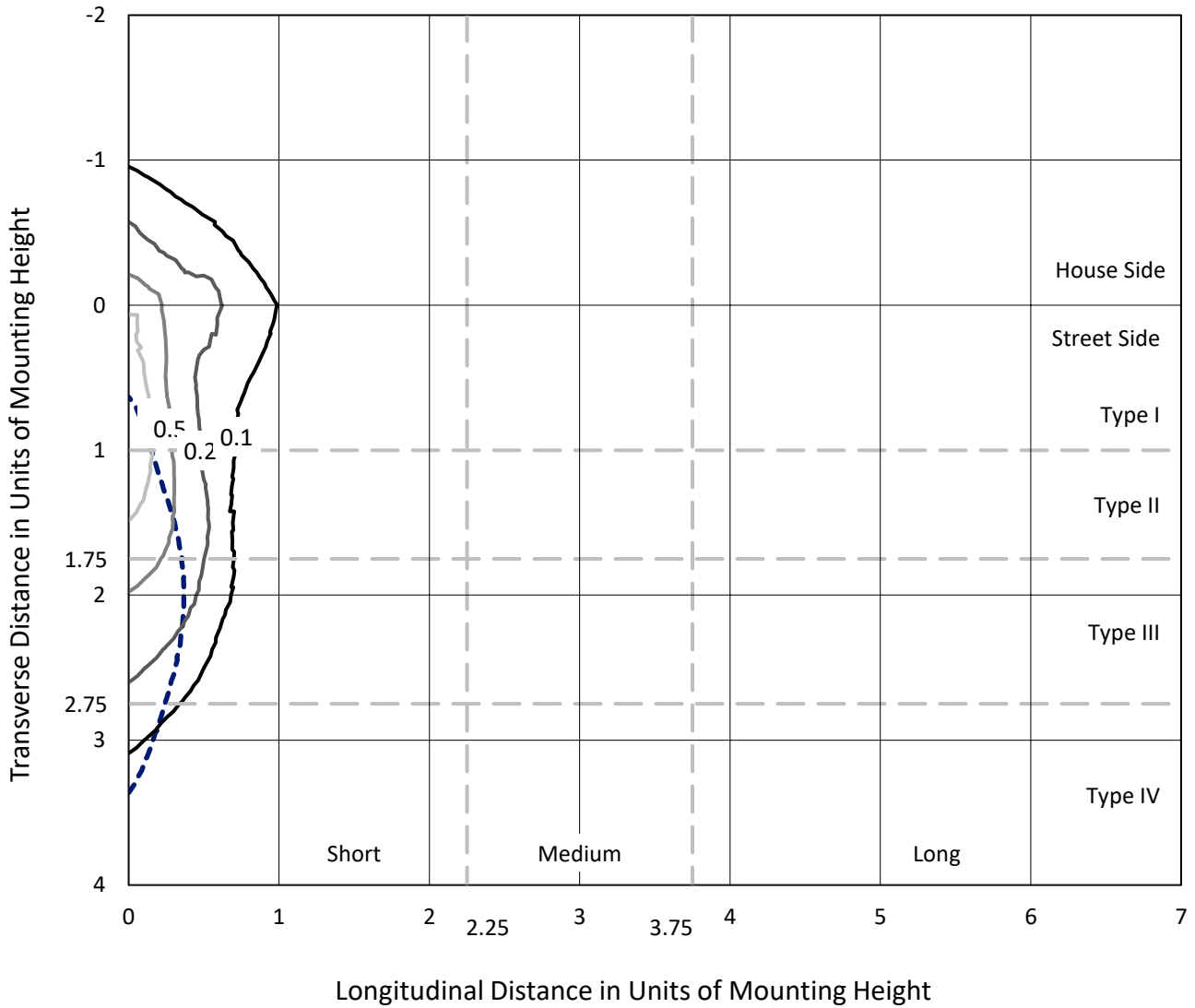
Input Watts (W): 59  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



REPORT NUMBER: P596884  
 CATALOG NUMBER: MSA-SA1C-835-U-SLR

### Iso-Footcandle Lines of Horizontal Illumination

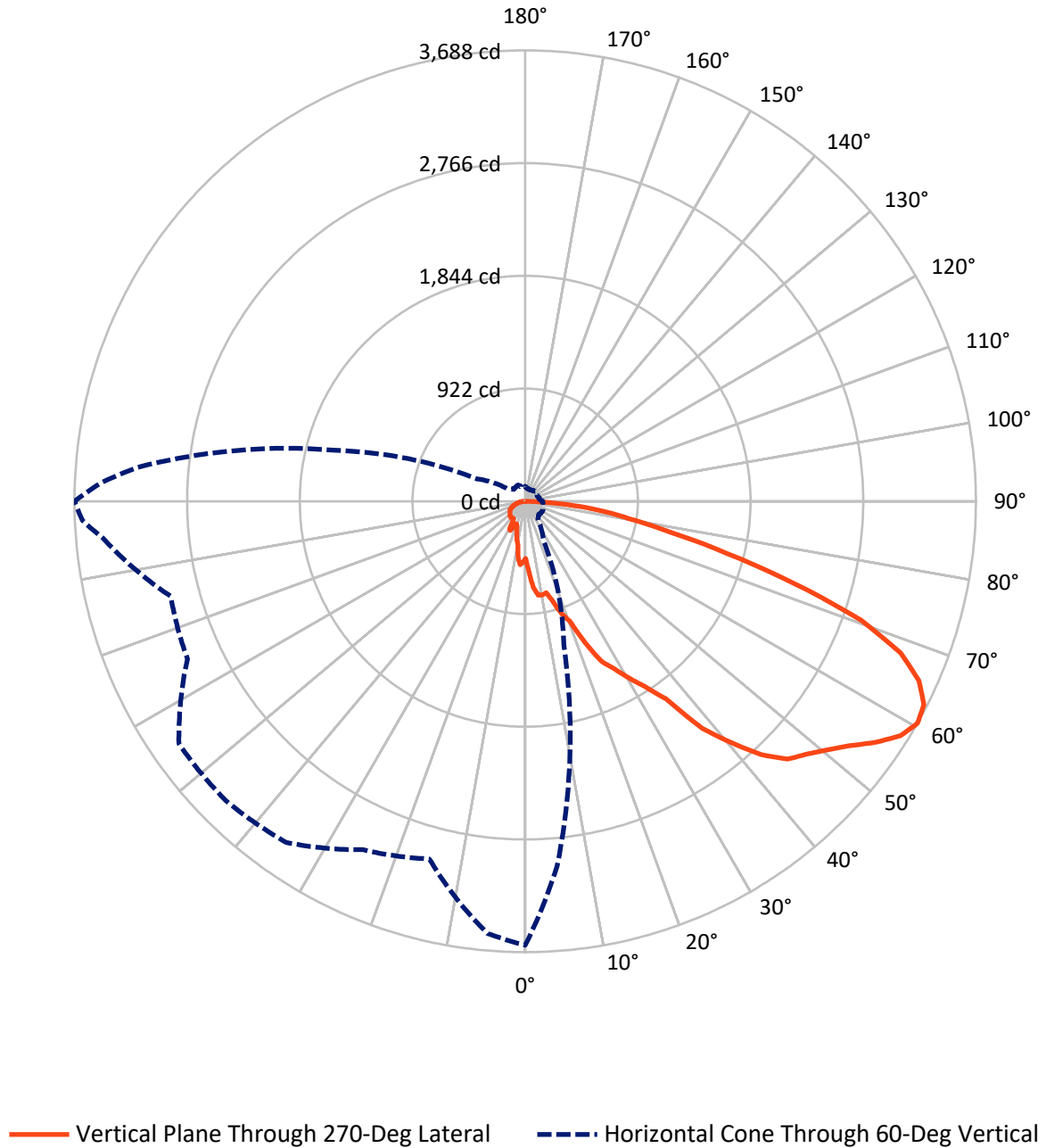
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.9 fc  
 Type IV - Short - N/A

REPORT NUMBER: P596884  
CATALOG NUMBER: MSA-SA1C-835-U-SLR

### Luminous Intensity Polar Plot



REPORT NUMBER: P596884

CATALOG NUMBER: MSA-SA1C-835-U-SLR

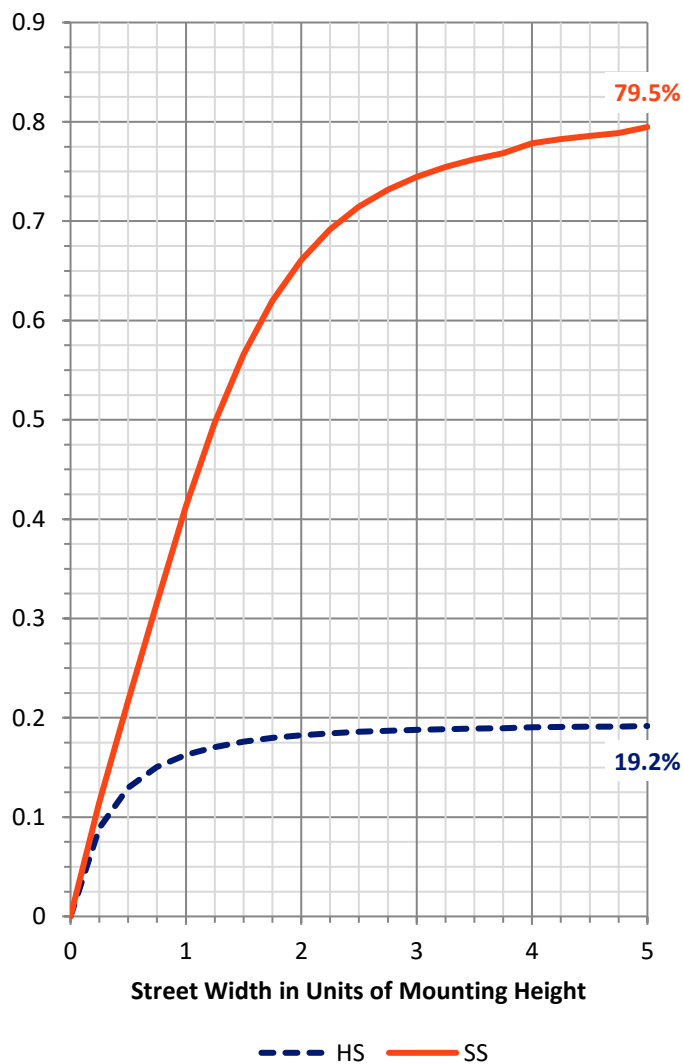
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	857.8	0.0	857.8
	% Fixture	19.4	0.0	19.4
<b>Street Side</b>	Lumens	3571.2	0.0	3571.2
	% Fixture	80.6	0.0	80.6
<b>Total</b>	Lumens	4429.0	0.0	4429.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	53.6	1.2
10°-20°	155.6	3.5
20°-30°	274.7	6.2
30°-40°	427.9	9.7
40°-50°	704.4	15.9
50°-60°	1005.4	22.7
60°-70°	1066.1	24.1
70°-80°	588.9	13.3
80°-90°	152.4	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°	4429.0	100.0
0°-180°	4429.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P596884

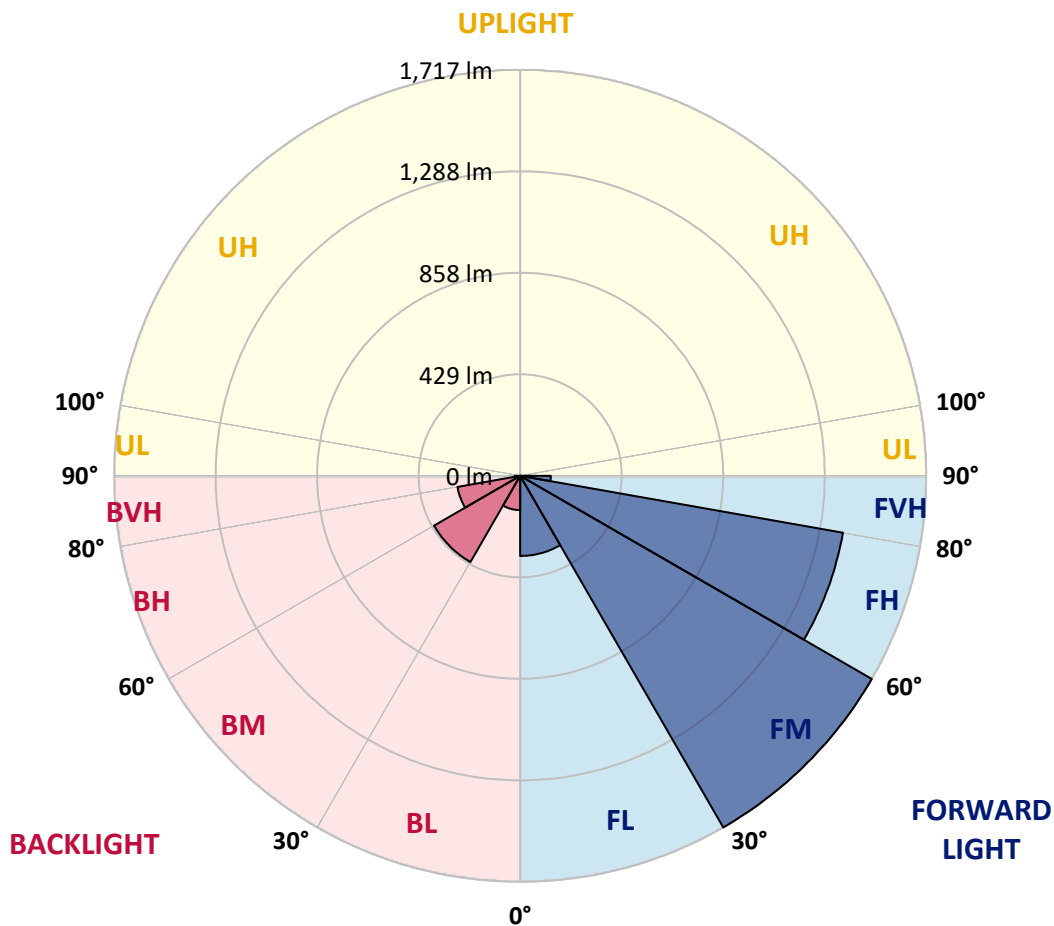
CATALOG NUMBER: MSA-SA1C-835-U-SLR

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	338.9	7.7			
FM (30°-60°)	1717.0	38.8			
FH (60°-80°)	1385.8	31.3			G1/1800
FVH (80°-90°)	129.5	2.9			G2/225
BL (0°-30°)	145.0	3.3	B1/500		
BM (30°-60°)	420.8	9.5	B1/1000		
BH (60°-80°)	269.2	6.1	B1/500		G1/500
BVH (80°-90°)	22.9	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





REPORT NUMBER: P596884

CATALOG NUMBER: MSA-SA1C-835-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1
2.5°	625.6	629.5	633.1	625.8	618.5	611.0	603.7	592.7	581.5	570.5	559.4
5°	751.3	737.2	722.8	716.9	711.4	705.6	699.7	694.4	689.0	683.4	678.0
7.5°	790.7	770.5	750.1	741.5	732.9	724.0	715.4	696.1	676.7	657.2	637.8
10°	747.5	726.4	705.1	696.7	688.1	679.8	671.2	647.5	624.1	600.4	576.8
12.5°	782.3	760.8	739.1	712.4	685.8	658.9	632.2	619.1	606.0	592.7	579.6
15°	815.8	786.8	757.6	730.9	704.3	677.4	650.7	624.5	598.3	572.1	545.8
17.5°	938.4	890.0	841.6	793.5	745.1	697.0	648.6	618.3	587.7	557.4	526.9
20°	1087.8	1020.5	953.0	879.9	806.6	733.5	660.2	621.9	583.9	545.6	507.3
22.5°	1265.6	1180.7	1095.7	1003.5	911.3	818.8	726.6	671.2	615.7	560.0	504.5
25°	1406.8	1325.1	1243.4	1126.5	1009.5	892.6	775.6	712.6	649.7	586.5	523.5
27.5°	1544.0	1413.9	1283.6	1149.7	1016.0	882.0	748.1	689.9	631.6	573.3	515.1
30°	1659.8	1556.6	1453.5	1278.7	1103.9	928.9	754.1	682.6	611.0	539.4	467.8
32.5°	1829.5	1682.2	1534.7	1352.4	1170.1	987.8	805.5	713.9	622.4	530.8	439.2
35°	2027.9	1874.8	1721.7	1496.2	1270.9	1045.4	819.9	723.0	625.8	528.8	431.7
37.5°	2397.8	2128.1	1858.0	1611.9	1365.7	1119.4	873.2	760.6	647.9	535.1	422.4
40°	2601.9	2352.5	2103.1	1796.3	1489.6	1182.6	875.8	760.6	645.1	529.9	414.5
42.5°	2873.8	2558.4	2242.9	1911.1	1579.6	1247.9	916.2	788.5	660.8	532.9	405.2
45°	3039.6	2688.1	2336.4	1981.9	1627.4	1272.9	918.4	788.7	659.1	529.5	399.9
47.5°	3146.4	2808.9	2471.2	2089.6	1708.0	1326.2	944.6	807.0	669.2	531.6	393.8
50°	3247.7	2913.4	2578.9	2182.7	1786.7	1390.5	994.3	844.0	693.7	543.2	393.0
52.5°	3371.9	3064.1	2756.0	2331.0	1905.8	1480.8	1055.5	891.9	728.3	564.7	401.1
55°	3552.7	3249.4	2945.8	2489.6	2033.2	1577.1	1120.7	939.0	757.6	575.9	394.3
57.5°	3669.9	3362.2	3054.6	2589.4	2124.2	1658.8	1193.5	992.3	791.1	589.7	388.5
60°	3631.0	3313.6	2996.1	2552.6	2109.1	1665.6	1222.1	1004.8	787.7	570.3	353.0
62.5°	3459.0	3121.7	2784.4	2387.1	1990.0	1592.8	1195.5	974.5	753.7	532.7	311.7
65°	3218.6	2869.9	2521.0	2162.7	1804.3	1445.9	1087.6	887.0	686.2	485.6	284.8
67.5°	2923.7	2560.2	2196.4	1879.1	1561.8	1244.3	927.0	759.3	591.8	424.1	256.5
70°	2553.7	2196.4	1839.1	1564.6	1290.1	1015.5	741.0	614.8	488.9	362.7	236.5
72.5°	2052.6	1744.3	1436.0	1220.0	1003.9	787.9	571.8	484.1	396.6	308.9	221.2
75°	1459.9	1278.7	1097.5	929.3	761.2	592.9	424.8	368.0	311.3	254.5	197.8
77.5°	1037.5	930.6	823.8	692.0	560.2	428.4	296.7	263.3	230.2	196.9	163.6
80°	767.0	677.8	588.6	489.3	390.0	290.6	191.3	175.0	158.9	142.5	126.2
82.5°	505.0	464.8	424.4	345.7	267.0	188.3	109.6	103.6	97.6	91.6	85.6
85°	226.2	238.8	251.3	203.2	154.8	106.6	58.3	55.5	52.7	49.9	47.1
87.5°	21.7	32.0	42.4	36.3	30.1	24.1	17.8	17.6	17.6	17.4	17.2
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: P596884  
 CATALOG NUMBER: MSA-SA1C-835-U-SLR

**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





REPORT NUMBER: P596884  
 CATALOG NUMBER: MSA-SA1C-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1
2.5°	562.4	565.4	568.4	571.4	568.2	565.0	561.5	558.3	554.2	550.1	545.8
5°	669.0	659.8	650.7	641.5	627.7	614.0	600.0	586.2	584.5	582.6	580.9
7.5°	620.9	604.1	587.1	570.1	548.6	527.3	505.8	484.3	477.9	471.4	465.0
10°	565.4	553.8	542.4	530.8	517.4	504.1	490.6	477.2	459.6	441.8	424.1
12.5°	560.7	541.7	522.6	503.7	495.5	487.4	479.2	471.0	455.5	440.1	424.4
15°	530.6	515.1	499.8	484.3	472.5	460.7	448.9	437.0	424.6	411.9	399.4
17.5°	509.3	491.7	474.0	456.4	442.9	429.3	415.5	402.0	387.0	371.7	356.6
20°	487.1	467.1	446.9	426.7	409.5	392.5	375.3	358.2	341.6	325.3	308.7
22.5°	478.1	451.7	425.2	398.8	380.7	362.5	344.4	326.1	310.9	295.6	280.3
25°	491.9	460.5	428.9	397.3	373.0	348.5	324.2	299.7	287.0	274.3	261.4
27.5°	475.7	436.2	396.8	357.3	331.3	305.1	279.0	252.8	250.9	248.9	246.8
30°	426.3	384.8	343.3	301.8	278.0	253.9	230.0	205.9	201.4	196.7	192.2
32.5°	396.8	354.5	312.1	269.8	248.5	227.0	205.7	184.2	179.1	173.9	168.8
35°	385.7	339.7	293.7	247.7	229.4	211.1	192.8	174.6	170.9	167.5	163.8
37.5°	376.6	331.1	285.3	239.5	221.9	204.2	186.4	168.8	166.0	163.2	160.4
40°	368.0	321.8	275.4	229.0	213.3	197.8	182.1	166.4	164.7	163.0	161.0
42.5°	360.3	315.4	270.2	225.3	211.3	197.6	183.6	169.6	167.9	166.2	164.5
45°	356.0	312.1	268.3	224.4	214.3	204.2	193.9	183.8	179.7	175.6	171.3
47.5°	352.8	311.7	270.7	229.6	219.1	208.5	198.0	187.5	183.8	180.2	176.3
50°	353.4	314.1	274.5	235.0	222.3	209.4	196.7	183.8	183.4	182.9	182.5
52.5°	359.2	317.5	275.6	233.7	219.9	206.2	192.2	178.4	181.2	183.8	186.6
55°	350.8	307.4	263.8	220.4	207.2	194.3	181.2	168.1	171.8	175.2	178.9
57.5°	341.4	294.3	247.2	200.1	190.3	180.4	170.3	160.4	164.2	168.3	172.2
60°	310.0	267.0	224.0	181.0	174.3	167.7	161.0	154.4	156.1	157.8	159.5
62.5°	275.6	239.3	203.2	166.8	161.7	156.3	151.1	145.8	145.8	146.0	146.0
65°	253.7	222.5	191.3	160.2	154.4	148.5	142.5	136.7	135.9	135.0	134.1
67.5°	231.7	207.2	182.5	157.8	149.4	141.2	132.9	124.5	123.4	122.5	121.5
70°	214.5	192.6	170.7	148.8	139.3	130.1	120.6	111.1	110.3	109.6	108.8
72.5°	200.6	180.2	159.5	138.9	129.0	118.9	109.0	98.9	98.2	97.6	96.7
75°	179.5	161.4	143.2	124.9	115.2	105.8	96.1	86.4	85.6	84.9	84.1
77.5°	148.5	133.3	118.2	103.0	95.4	88.1	80.6	73.1	72.7	72.2	71.6
80°	114.4	102.5	90.5	78.7	73.7	68.6	63.6	58.5	58.3	58.0	57.6
82.5°	78.5	71.4	64.3	57.2	53.5	49.7	46.0	42.1	42.4	42.6	42.8
85°	44.7	42.1	39.8	37.2	34.2	31.4	28.4	25.4	26.0	26.7	27.1
87.5°	16.3	15.5	14.6	13.8	12.3	11.0	9.5	8.0	8.4	9.0	9.5
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: P596884  
 CATALOG NUMBER: MSA-SA1C-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: P596884  
 CATALOG NUMBER: MSA-SA1C-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1
2.5°	541.7	535.3	528.8	522.4	515.9	502.6	489.5	476.2	462.8	471.0	479.4
5°	578.9	568.0	556.8	545.8	534.6	528.4	522.2	515.9	509.7	512.9	516.4
7.5°	458.5	452.1	445.4	439.0	432.3	429.5	426.9	424.1	421.4	429.3	437.3
10°	406.3	397.3	388.2	379.0	370.0	364.6	359.2	353.9	348.5	350.6	352.8
12.5°	408.9	395.6	382.2	368.9	355.6	347.6	339.7	331.7	323.8	325.7	327.6
15°	386.7	373.0	359.2	345.5	331.7	322.5	313.0	303.8	294.3	291.1	287.6
17.5°	341.4	326.3	311.3	296.2	281.2	275.0	268.7	262.5	256.3	252.8	249.4
20°	292.2	278.2	264.2	250.2	236.3	232.0	227.7	223.1	218.8	216.7	214.3
22.5°	265.1	256.5	247.7	239.1	230.2	225.3	220.6	215.6	210.7	208.3	205.7
25°	248.7	250.4	252.4	254.1	255.8	253.7	251.3	249.2	246.8	247.7	248.3
27.5°	244.9	248.5	252.4	256.0	259.7	261.6	263.6	265.5	267.4	268.1	268.7
30°	187.5	189.4	191.1	193.0	194.8	200.1	205.5	210.7	216.1	224.4	233.0
32.5°	163.6	163.0	162.3	161.4	160.8	162.1	163.4	164.5	165.7	168.8	172.0
35°	160.2	158.7	156.9	155.4	153.7	154.4	155.0	155.6	156.3	158.7	161.0
37.5°	157.6	156.9	156.5	155.9	155.2	156.7	158.0	159.5	160.8	162.7	164.7
40°	159.3	159.1	158.9	158.4	158.2	159.1	159.9	160.8	161.7	164.2	166.8
42.5°	162.7	162.7	162.5	162.5	162.3	163.2	163.8	164.7	165.3	166.8	168.3
45°	167.3	166.8	166.6	166.2	165.7	165.5	165.5	165.3	165.1	166.0	167.0
47.5°	172.6	171.1	169.4	167.9	166.2	165.7	165.1	164.7	164.0	164.5	164.9
50°	182.1	178.0	174.1	170.0	166.0	164.9	163.8	162.7	161.7	161.4	161.4
52.5°	189.2	183.2	177.1	171.1	165.1	163.2	161.2	159.3	157.4	156.9	156.7
55°	182.3	177.8	173.5	169.0	164.5	161.7	158.7	155.9	152.8	152.2	151.6
57.5°	176.1	173.3	170.5	167.7	164.9	162.1	159.1	156.3	153.3	151.8	150.3
60°	161.2	161.2	161.4	161.4	161.4	158.4	155.4	152.4	149.4	147.9	146.6
62.5°	146.0	148.3	150.5	152.8	155.0	150.9	146.6	142.5	138.2	137.2	136.3
65°	133.3	133.9	134.8	135.4	136.1	132.9	129.6	126.4	123.2	122.5	121.7
67.5°	120.4	120.2	120.0	119.5	119.3	117.4	115.2	113.3	111.1	110.3	109.4
70°	107.9	107.7	107.5	107.1	106.8	105.1	103.4	101.7	100.0	99.3	98.7
72.5°	96.1	95.9	95.4	95.2	94.8	93.3	92.0	90.5	89.0	88.1	87.3
75°	83.2	82.8	82.3	81.9	81.5	80.2	78.9	77.4	76.1	75.2	74.4
77.5°	71.2	70.5	69.9	69.0	68.4	67.3	66.0	64.9	63.6	62.6	61.7
80°	57.4	57.0	56.5	55.9	55.5	54.4	53.3	52.0	50.9	49.7	48.6
82.5°	43.0	42.8	42.4	42.1	41.7	40.6	39.6	38.5	37.4	36.1	34.8
85°	27.7	27.5	27.3	27.1	26.9	26.0	25.4	24.5	23.6	22.4	21.3
87.5°	9.9	9.5	9.2	8.8	8.4	8.2	7.7	7.5	7.1	6.4	5.8
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: P596884  
 CATALOG NUMBER: MSA-SA1C-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: P596884

CATALOG NUMBER: MSA-SA1C-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1
2.5°	487.6	495.7	496.0	496.0	499.8	503.5	496.0	488.4	480.7	473.2	465.6
5°	519.6	522.8	522.0	520.9	516.2	511.4	506.5	501.5	496.6	491.7	491.9
7.5°	445.2	453.2	459.6	465.9	459.8	453.8	450.6	447.4	444.1	440.9	440.5
10°	354.7	356.9	359.4	361.8	358.2	354.3	360.7	367.2	373.4	379.9	372.8
12.5°	329.6	331.5	327.0	322.2	320.7	319.2	317.7	316.0	314.5	312.8	311.9
15°	284.4	281.0	277.5	273.9	273.0	271.9	270.9	269.6	268.5	267.2	263.3
17.5°	245.9	242.5	236.7	230.7	228.3	225.7	225.1	224.4	223.6	222.9	219.3
20°	212.2	209.8	208.3	206.6	204.2	201.9	199.5	197.1	194.6	192.2	188.7
22.5°	203.4	200.8	198.9	196.7	196.3	195.8	191.5	187.0	182.7	178.2	176.3
25°	249.2	249.8	238.0	225.9	224.9	223.8	216.1	208.1	200.4	192.4	185.7
27.5°	269.2	269.8	269.4	268.9	265.5	261.8	248.7	235.4	222.3	209.0	199.5
30°	241.4	249.8	253.0	256.3	253.9	251.3	237.5	224.0	210.2	196.5	190.3
32.5°	175.0	178.0	183.4	188.5	191.3	193.9	189.6	185.3	181.0	176.7	175.6
35°	163.2	165.5	166.6	167.7	166.0	164.2	161.0	157.8	154.4	151.1	150.5
37.5°	166.4	168.3	170.5	172.6	167.9	163.0	159.3	155.9	152.2	148.5	145.5
40°	169.4	172.0	173.3	174.6	169.8	165.1	160.6	156.3	151.8	147.3	144.2
42.5°	169.8	171.3	173.7	176.1	169.4	162.5	158.4	154.1	150.1	145.8	142.7
45°	167.9	168.8	170.9	173.1	165.3	157.4	153.7	149.8	146.2	142.3	139.7
47.5°	165.1	165.5	167.3	168.8	160.6	152.2	148.8	145.3	141.7	138.2	135.7
50°	161.2	161.0	162.3	163.4	155.0	146.6	143.2	139.9	136.5	133.1	130.9
52.5°	156.3	155.9	157.1	158.2	149.4	140.6	137.6	134.8	131.8	128.8	127.1
55°	150.7	150.1	151.1	152.2	143.6	134.8	132.2	129.4	126.8	124.0	122.5
57.5°	148.5	147.0	147.7	148.3	138.7	129.0	126.4	123.8	121.2	118.7	117.6
60°	145.1	143.6	144.2	144.7	134.4	123.8	121.5	118.9	116.5	113.9	112.9
62.5°	135.2	134.1	135.0	135.9	126.6	117.2	115.0	113.1	110.9	108.8	107.3
65°	121.0	120.2	121.9	123.6	115.7	107.7	106.4	105.1	103.6	102.3	100.8
67.5°	108.6	107.7	109.4	111.1	105.3	99.5	98.2	97.0	95.7	94.4	93.5
70°	98.0	97.4	98.9	100.4	95.4	90.5	89.2	88.1	86.9	85.6	84.9
72.5°	86.2	85.3	87.3	89.0	84.9	80.6	79.5	78.3	77.2	75.9	75.5
75°	73.5	72.7	74.4	75.9	73.1	70.1	69.0	67.9	66.9	65.8	65.6
77.5°	60.6	59.5	61.3	62.8	61.1	59.1	58.3	57.2	56.3	55.2	55.2
80°	47.3	46.0	47.3	48.4	47.7	47.1	46.4	45.6	44.9	44.1	44.3
82.5°	33.5	32.2	32.9	33.5	34.0	34.4	34.4	34.4	34.4	34.4	34.4
85°	20.0	18.7	18.9	19.1	19.8	20.4	20.6	20.9	21.1	21.3	21.5
87.5°	5.2	4.5	4.1	3.4	4.1	4.5	4.9	5.2	5.6	5.8	5.8
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: P596884  
 CATALOG NUMBER: MSA-SA1C-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: P596884  
 CATALOG NUMBER: MSA-SA1C-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1
2.5°	458.1	450.4	442.9	447.6	452.1	456.8	461.3	461.6	461.6	461.8	461.8
5°	492.3	492.5	492.7	488.2	483.9	479.4	474.9	472.5	470.2	467.6	465.2
7.5°	439.8	439.4	438.8	434.5	430.2	425.9	421.6	411.3	400.7	390.4	379.9
10°	365.5	358.4	351.1	349.3	347.8	346.1	344.4	341.6	339.0	336.2	333.4
12.5°	311.1	310.2	309.4	304.8	300.3	295.6	291.1	291.1	291.1	291.1	291.1
15°	259.3	255.4	251.3	249.2	246.8	244.6	242.3	241.2	240.1	239.1	238.0
17.5°	215.4	211.8	207.9	207.5	207.0	206.6	206.2	205.1	204.0	202.9	201.9
20°	185.3	181.9	178.4	179.7	181.0	182.1	183.4	182.3	181.2	179.9	178.9
22.5°	174.1	172.2	170.0	169.0	167.9	166.6	165.5	165.5	165.7	165.7	165.7
25°	179.3	172.6	166.0	162.7	159.5	156.1	152.8	151.6	150.5	149.2	147.9
27.5°	190.0	180.4	170.9	165.3	159.7	154.1	148.5	146.2	143.6	141.2	138.7
30°	183.8	177.6	171.1	164.7	158.2	151.8	145.3	142.3	139.3	136.1	133.1
32.5°	174.6	173.3	172.2	166.2	160.2	153.9	147.9	146.6	145.5	144.2	143.0
35°	149.6	149.0	148.1	146.6	145.1	143.6	142.1	140.4	138.7	136.9	135.2
37.5°	142.7	139.7	136.7	136.1	135.4	134.8	134.1	133.5	132.9	132.0	131.4
40°	141.2	138.2	135.2	134.1	133.1	131.8	130.7	130.9	131.4	131.6	131.8
42.5°	139.5	136.5	133.3	132.4	131.6	130.7	129.8	130.1	130.5	130.7	130.9
45°	137.4	134.8	132.2	130.7	129.4	127.9	126.4	127.7	129.0	130.1	131.4
47.5°	133.1	130.3	127.7	126.8	126.0	124.9	124.0	125.3	126.6	127.7	129.0
50°	128.6	126.4	124.0	123.8	123.6	123.2	123.0	123.8	124.7	125.5	126.4
52.5°	125.1	123.4	121.5	121.5	121.2	121.2	121.0	121.9	122.8	123.4	124.3
55°	121.2	119.7	118.2	118.5	118.9	119.1	119.3	120.2	121.2	122.1	123.0
57.5°	116.3	115.2	113.9	114.8	115.4	116.3	116.9	117.6	118.5	119.1	119.7
60°	111.6	110.5	109.2	110.1	111.1	112.0	112.9	113.5	114.2	114.8	115.4
62.5°	105.8	104.0	102.5	103.8	104.9	106.2	107.3	107.7	108.3	108.8	109.2
65°	99.5	98.0	96.5	97.4	98.2	98.9	99.7	100.4	101.0	101.7	102.3
67.5°	92.4	91.6	90.5	91.2	91.8	92.4	93.1	93.3	93.3	93.5	93.5
70°	84.1	83.4	82.6	83.0	83.6	84.1	84.5	84.5	84.5	84.3	84.3
72.5°	75.2	74.8	74.4	74.6	75.0	75.2	75.5	75.2	75.0	74.8	74.6
75°	65.4	65.1	64.9	65.1	65.6	65.8	66.0	65.8	65.4	65.1	64.7
77.5°	55.5	55.5	55.5	55.5	55.7	55.7	55.7	55.2	54.8	54.4	54.0
80°	44.5	44.7	44.9	44.9	44.9	44.9	44.9	44.5	44.1	43.4	43.0
82.5°	34.4	34.4	34.4	34.4	34.6	34.6	34.6	33.5	32.7	31.6	30.5
85°	21.5	21.7	21.7	21.9	22.1	22.1	22.4	20.9	19.6	18.1	16.6
87.5°	5.8	5.8	5.8	5.8	5.8	5.6	5.6	4.3	2.8	1.5	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: P596884  
 CATALOG NUMBER: MSA-SA1C-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: P596884  
 CATALOG NUMBER: MSA-SA1C-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1
2.5°	463.1	464.3	465.4	466.7	466.9	467.1	467.1	467.4	462.8	458.3	453.6
5°	468.4	471.4	474.7	477.7	477.0	476.4	475.7	475.1	473.8	472.7	471.4
7.5°	377.5	375.3	373.0	370.6	372.6	374.5	376.4	378.4	379.2	380.1	380.7
10°	328.1	322.7	317.3	311.9	308.9	305.7	302.7	299.5	299.0	298.8	298.4
12.5°	285.5	279.7	274.1	268.3	266.6	264.6	262.9	261.0	262.7	264.4	265.9
15°	235.6	233.5	231.1	228.7	230.7	232.6	234.5	236.5	238.2	239.7	241.4
17.5°	200.8	199.9	198.9	197.8	199.5	201.4	203.2	204.9	208.7	212.6	216.5
20°	178.0	177.4	176.5	175.6	175.0	174.1	173.5	172.6	178.2	183.6	189.2
22.5°	164.5	163.2	161.9	160.6	160.8	161.0	161.0	161.2	165.7	170.5	175.0
25°	147.5	147.0	146.6	146.2	147.5	148.8	149.8	151.1	155.2	159.3	163.2
27.5°	138.9	139.1	139.3	139.5	141.2	143.2	144.9	146.6	149.4	152.2	155.0
30°	134.1	135.4	136.5	137.6	138.2	138.9	139.5	140.2	143.0	145.5	148.3
32.5°	141.2	139.5	137.6	135.9	136.7	137.8	138.7	139.5	142.1	144.7	147.3
35°	134.6	133.7	133.1	132.2	133.3	134.4	135.2	136.3	138.7	140.8	143.2
37.5°	131.1	130.9	130.7	130.5	131.1	131.8	132.2	132.9	135.0	137.2	139.1
40°	130.9	129.8	129.0	127.9	128.6	129.2	129.6	130.3	132.9	135.4	138.0
42.5°	129.6	128.3	126.8	125.5	126.2	127.1	127.7	128.3	131.1	133.7	136.5
45°	129.4	127.5	125.3	123.4	124.3	125.1	126.0	126.8	129.0	131.1	133.1
47.5°	127.1	125.1	123.2	121.2	121.7	122.1	122.3	122.8	124.7	126.4	128.3
50°	125.1	123.6	122.3	120.8	120.2	119.7	119.1	118.5	120.0	121.5	123.0
52.5°	122.8	121.2	119.5	118.0	117.2	116.3	115.4	114.6	115.9	116.9	118.2
55°	121.2	119.3	117.6	115.7	114.6	113.5	112.4	111.4	112.2	112.9	113.7
57.5°	118.0	116.3	114.4	112.6	111.4	110.1	108.6	107.3	107.7	108.1	108.6
60°	113.7	111.8	110.1	108.1	106.6	105.1	103.4	101.9	102.1	102.5	102.8
62.5°	107.5	105.8	103.8	102.1	100.4	98.9	97.2	95.4	95.9	96.1	96.5
65°	100.6	98.7	97.0	95.0	93.5	92.0	90.3	88.8	89.2	89.6	89.9
67.5°	92.2	90.7	89.4	87.9	86.6	85.1	83.8	82.3	82.6	82.8	83.0
70°	83.2	81.9	80.8	79.5	78.5	77.4	76.3	75.2	75.2	75.5	75.5
72.5°	73.5	72.4	71.4	70.3	69.2	68.4	67.3	66.2	66.6	67.1	67.3
75°	63.6	62.8	61.7	60.6	59.8	58.9	57.8	57.0	57.4	57.8	58.0
77.5°	53.3	52.7	51.8	51.2	50.3	49.4	48.4	47.5	47.9	48.4	48.6
80°	42.6	42.1	41.5	41.1	40.2	39.3	38.5	37.6	37.8	37.8	38.1
82.5°	30.7	31.0	31.0	31.2	30.5	29.7	29.0	28.2	28.2	28.2	27.9
85°	17.2	18.1	18.7	19.3	18.7	18.1	17.4	16.8	16.6	16.6	16.3
87.5°	0.6	1.1	1.7	2.1	1.9	1.7	1.3	1.1	1.3	1.5	1.5
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: P596884  
 CATALOG NUMBER: MSA-SA1C-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: P596884  
 CATALOG NUMBER: MSA-SA1C-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1
2.5°	449.1	452.7	456.4	460.0	463.7	469.3	474.9	480.7	486.5	483.3	479.8
5°	470.2	472.3	474.7	476.8	479.0	485.2	491.2	498.7	506.1	505.2	504.1
7.5°	381.6	384.6	387.6	390.4	393.4	402.9	412.3	420.3	428.2	427.2	425.9
10°	298.0	304.2	310.6	316.9	323.1	330.8	338.4	345.0	351.7	362.9	373.8
12.5°	267.6	277.3	287.0	296.7	306.3	311.9	317.3	325.9	334.5	340.5	346.8
15°	242.9	252.0	261.0	270.0	279.0	279.5	279.9	288.9	298.0	303.1	308.1
17.5°	220.4	225.3	230.2	235.0	239.9	238.2	236.5	240.8	244.9	247.0	249.4
20°	194.6	198.0	201.4	204.9	208.3	210.7	212.8	215.4	217.8	215.6	213.3
22.5°	179.5	184.7	190.0	195.2	200.4	201.9	203.2	201.6	200.1	199.5	198.9
25°	167.3	173.5	179.9	186.2	192.4	195.4	198.4	199.7	200.8	198.4	196.1
27.5°	157.8	165.3	172.6	180.2	187.5	192.8	198.2	199.7	201.0	199.3	197.3
30°	150.9	159.1	167.3	175.4	183.6	191.8	199.7	206.8	213.7	213.0	212.4
32.5°	149.8	155.4	161.0	166.6	172.2	177.4	182.3	182.7	182.9	181.2	179.3
35°	145.3	149.0	152.6	156.3	159.9	163.2	166.2	165.7	165.3	163.6	161.9
37.5°	141.2	144.9	148.8	152.4	156.1	161.7	167.0	166.0	164.7	163.0	161.2
40°	140.6	144.7	148.8	152.6	156.7	161.9	167.0	166.0	164.9	162.7	160.6
42.5°	139.1	143.2	147.0	151.1	155.0	161.2	167.3	165.3	163.2	161.4	159.7
45°	135.2	138.9	142.5	146.2	149.8	156.5	163.2	160.8	158.4	157.8	156.9
47.5°	130.1	133.7	137.4	141.0	144.7	151.3	157.8	155.9	153.7	153.5	153.1
50°	124.5	127.9	131.6	135.0	138.4	145.1	151.6	149.8	148.1	148.3	148.3
52.5°	119.3	122.5	125.5	128.8	131.8	138.4	144.9	143.6	142.1	142.5	142.7
55°	114.4	116.9	119.5	122.1	124.7	131.1	137.6	135.7	133.7	134.4	135.0
57.5°	109.0	111.1	113.3	115.2	117.4	123.8	130.1	127.9	125.5	126.6	127.5
60°	103.0	104.9	106.8	108.6	110.5	116.3	121.9	120.0	117.8	119.3	120.6
62.5°	96.7	98.2	99.7	101.3	102.8	108.1	113.5	112.0	110.5	112.2	113.7
65°	90.3	91.4	92.7	93.7	94.8	100.0	104.9	103.8	102.8	104.3	105.8
67.5°	83.2	84.1	85.1	86.0	86.9	91.6	96.3	95.2	93.9	95.2	96.3
70°	75.5	76.3	77.0	77.8	78.5	82.8	87.1	85.6	83.8	85.1	86.2
72.5°	67.7	68.1	68.8	69.2	69.7	72.9	76.1	74.8	73.5	74.8	75.9
75°	58.5	58.9	59.3	59.8	60.2	63.0	65.6	64.1	62.3	63.6	64.9
77.5°	49.0	49.2	49.7	49.9	50.1	52.0	53.7	52.2	50.5	52.0	53.5
80°	38.1	38.3	38.5	38.5	38.7	39.3	40.0	38.9	37.6	39.6	41.5
82.5°	27.9	27.7	27.7	27.5	27.3	27.3	27.1	26.4	25.6	27.3	29.0
85°	16.1	15.9	15.5	15.3	14.8	14.2	13.5	13.3	13.1	14.6	16.1
87.5°	1.7	1.5	1.1	0.9	0.4	0.2	0.0	0.0	0.0	0.9	1.9
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: P596884  
 CATALOG NUMBER: MSA-SA1C-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: P596884

CATALOG NUMBER: MSA-SA1C-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1
2.5°	476.6	473.2	469.9	466.7	463.5	460.3	466.3	472.3	478.3	484.3	489.7
5°	503.3	502.2	499.4	496.8	494.0	491.2	492.7	494.4	496.0	497.5	500.7
7.5°	424.8	423.5	429.5	435.3	441.3	447.2	448.7	449.9	451.5	452.7	451.9
10°	385.0	396.0	398.8	401.4	404.2	406.7	411.0	415.3	419.4	423.7	426.1
12.5°	352.8	358.8	368.7	378.8	388.7	398.6	405.0	411.5	417.9	424.4	437.7
15°	313.2	318.2	325.7	333.2	340.7	348.3	357.5	367.0	376.2	385.5	400.1
17.5°	251.5	253.7	259.3	264.9	270.2	275.8	288.3	300.5	313.0	325.3	342.0
20°	211.1	208.7	208.7	209.0	209.0	209.0	221.4	233.7	246.1	258.4	280.5
22.5°	198.0	197.3	195.0	192.4	190.0	187.5	193.9	200.6	207.0	213.5	231.5
25°	193.5	191.1	188.1	185.1	182.1	179.1	183.2	187.2	191.3	195.4	209.6
27.5°	195.6	193.7	195.2	196.5	198.0	199.3	200.6	201.9	203.2	204.4	209.4
30°	211.8	211.1	213.5	215.6	218.0	220.1	217.1	214.3	211.3	208.3	210.0
32.5°	177.6	175.6	174.8	173.9	173.1	172.2	172.0	171.8	171.3	171.1	175.0
35°	160.2	158.4	157.1	155.9	154.4	153.1	153.7	154.1	154.8	155.2	159.5
37.5°	159.5	157.8	156.3	154.8	153.1	151.6	152.2	153.1	153.7	154.4	157.6
40°	158.4	156.3	155.4	154.6	153.7	152.8	153.3	153.7	153.9	154.4	156.7
42.5°	157.8	156.1	155.6	155.2	154.8	154.4	154.8	155.2	155.4	155.9	158.7
45°	156.3	155.4	155.9	156.3	156.7	157.1	157.1	157.1	157.1	157.1	160.2
47.5°	152.8	152.4	153.7	155.0	156.3	157.6	159.7	161.9	163.8	166.0	166.6
50°	148.5	148.5	150.7	152.8	154.8	156.9	162.1	167.0	172.2	177.1	173.9
52.5°	143.2	143.4	146.6	149.6	152.8	155.9	160.6	165.3	169.8	174.6	169.8
55°	135.4	136.1	140.2	144.0	148.1	152.0	155.6	159.3	163.0	166.6	161.7
57.5°	128.6	129.4	133.7	137.8	142.1	146.2	148.3	150.7	152.8	155.0	151.8
60°	122.1	123.4	129.0	134.6	139.9	145.5	143.8	142.1	140.2	138.4	138.2
62.5°	115.4	116.9	122.1	127.3	132.2	137.4	134.8	132.2	129.4	126.8	127.9
65°	107.1	108.6	110.9	113.3	115.4	117.8	117.6	117.6	117.4	117.2	119.3
67.5°	97.6	98.7	100.2	101.5	103.0	104.3	105.1	106.2	107.1	107.9	110.5
70°	87.5	88.6	90.1	91.4	92.9	94.2	95.2	96.3	97.2	98.2	100.8
72.5°	77.2	78.3	79.8	81.3	82.6	84.1	84.9	85.8	86.4	87.3	89.4
75°	66.2	67.5	69.0	70.3	71.8	73.1	73.7	74.4	75.0	75.7	77.6
77.5°	55.0	56.5	58.0	59.5	61.1	62.6	62.8	63.0	63.2	63.4	65.1
80°	43.2	45.1	46.6	48.2	49.7	51.2	51.2	51.2	51.2	51.2	52.0
82.5°	30.7	32.5	34.2	35.7	37.4	38.9	38.9	38.7	38.7	38.5	38.5
85°	17.6	19.1	20.2	21.5	22.6	23.6	23.6	23.6	23.4	23.4	23.0
87.5°	2.8	3.7	4.1	4.7	5.2	5.6	5.4	5.4	5.2	4.9	4.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596884  
 CATALOG NUMBER: MSA-SA1C-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: P596884  
 CATALOG NUMBER: MSA-SA1C-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1
2.5°	495.1	500.5	505.8	505.0	504.1	503.3	502.4	505.6	508.6	511.9	514.9
5°	503.7	506.9	509.9	512.3	514.7	517.0	519.4	530.3	541.1	552.1	562.8
7.5°	451.0	449.9	449.1	459.2	469.5	479.6	489.7	503.7	517.7	531.6	545.6
10°	428.4	430.8	433.2	437.3	441.6	445.6	449.7	463.5	477.2	491.0	504.8
12.5°	450.8	464.1	477.2	480.5	483.9	487.1	490.4	493.2	496.0	498.5	501.3
15°	414.7	429.3	443.9	452.3	460.7	468.9	477.2	498.3	519.2	540.2	561.1
17.5°	358.6	375.3	391.9	412.5	433.2	453.8	474.5	493.8	513.1	532.3	551.6
20°	302.7	324.6	346.8	369.3	391.7	414.3	436.6	455.5	474.5	493.2	512.1
22.5°	249.4	267.4	285.3	312.8	340.1	367.6	394.9	430.2	465.2	500.5	535.5
25°	223.6	237.8	251.7	280.1	308.5	336.7	365.0	410.8	456.4	502.2	547.8
27.5°	214.5	219.5	224.4	250.2	275.8	301.6	327.2	376.6	426.1	475.3	524.8
30°	211.8	213.5	215.2	235.4	255.6	275.8	296.0	344.8	393.8	442.6	491.4
32.5°	178.6	182.5	186.2	205.9	225.5	245.3	264.9	314.1	363.1	412.3	461.3
35°	163.8	168.1	172.4	191.8	211.1	230.2	249.6	301.4	353.4	405.2	457.0
37.5°	160.8	164.0	167.3	189.2	211.1	233.0	255.0	307.4	359.9	412.3	464.8
40°	159.3	161.7	164.0	185.3	206.8	228.1	249.4	304.4	359.2	414.3	469.1
42.5°	161.2	164.0	166.6	186.0	205.1	224.4	243.6	300.5	357.3	414.3	471.0
45°	163.0	166.0	168.8	186.8	204.9	222.9	241.0	301.8	362.5	423.3	483.9
47.5°	167.0	167.7	168.1	183.8	199.3	215.0	230.5	292.4	354.3	416.0	477.9
50°	170.5	167.3	163.8	180.2	196.3	212.6	228.7	287.4	346.1	404.6	463.3
52.5°	165.1	160.2	155.4	173.1	190.7	208.1	225.7	284.4	343.3	402.0	460.7
55°	156.9	152.0	147.0	164.9	182.7	200.6	218.4	276.9	335.6	394.1	452.5
57.5°	148.8	145.5	142.3	156.9	171.8	186.4	201.0	264.4	327.6	391.0	454.2
60°	138.0	137.6	137.4	148.8	160.4	171.8	183.2	245.3	307.2	369.3	431.2
62.5°	128.8	129.8	130.7	139.9	149.2	158.2	167.5	227.4	287.6	347.6	407.6
65°	121.7	123.8	126.0	136.5	147.0	157.4	167.9	218.2	268.5	318.8	369.1
67.5°	113.1	115.7	118.2	132.0	145.8	159.5	173.3	214.8	256.3	297.7	339.2
70°	103.2	105.8	108.1	125.8	143.2	160.8	178.2	215.0	252.0	288.7	325.5
72.5°	91.6	93.7	95.9	114.8	133.7	152.6	171.6	202.7	233.9	264.9	296.0
75°	79.8	81.7	83.6	100.0	116.3	132.6	149.0	173.1	196.9	221.0	244.9
77.5°	66.6	68.4	69.9	80.8	91.8	102.8	113.7	132.2	150.5	169.0	187.2
80°	52.9	53.7	54.6	61.1	67.3	73.7	80.0	92.2	104.5	116.5	128.8
82.5°	38.7	38.7	38.7	42.8	47.1	51.2	55.2	61.5	67.5	73.7	79.8
85°	22.6	21.9	21.5	24.3	27.1	29.9	32.7	35.3	37.8	40.4	43.0
87.5°	3.7	2.8	2.1	3.9	5.6	7.3	9.0	9.9	11.0	11.8	12.7
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: P596884  
 CATALOG NUMBER: MSA-SA1C-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: P596884

CATALOG NUMBER: MSA-SA1C-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1
2.5°	507.6	500.5	493.2	485.8	496.6	507.3	518.1	528.8	557.4	574.4	575.5
5°	571.8	580.9	589.9	598.9	608.0	617.0	625.8	634.8	681.3	709.9	715.2
7.5°	560.4	575.5	590.3	605.2	630.7	656.3	681.9	707.5	746.8	775.2	793.9
10°	523.3	541.7	560.2	578.7	609.0	639.6	669.9	700.2	741.9	779.3	797.1
12.5°	530.8	560.2	589.5	618.9	645.1	671.6	697.8	724.0	752.8	767.0	799.5
15°	581.5	601.9	622.4	642.8	682.3	721.7	761.2	800.6	816.9	849.4	878.6
17.5°	589.3	626.7	664.3	701.7	750.1	798.4	846.8	895.2	925.5	967.4	1002.7
20°	565.2	618.1	671.2	724.0	786.4	848.9	911.3	973.6	1012.1	1047.4	1102.0
22.5°	594.0	652.5	710.7	769.2	852.0	934.5	1017.3	1099.8	1180.2	1258.9	1295.9
25°	625.8	704.0	782.1	860.1	963.5	1066.7	1170.1	1273.3	1376.7	1450.4	1493.0
27.5°	603.4	681.9	760.6	839.1	967.0	1095.1	1223.0	1350.9	1461.6	1550.4	1587.0
30°	587.7	684.1	780.4	876.7	1026.7	1176.8	1326.8	1476.9	1579.2	1678.3	1732.1
32.5°	585.0	708.6	832.0	955.6	1130.3	1304.9	1479.7	1654.2	1722.2	1810.1	1882.5
35°	592.7	728.6	864.2	999.9	1200.2	1400.6	1600.7	1801.1	1897.6	1984.7	2048.1
37.5°	616.3	767.9	919.2	1070.8	1312.2	1553.9	1795.3	2036.7	2198.6	2357.9	2386.2
40°	629.7	790.5	951.1	1111.6	1392.4	1673.2	1953.9	2234.7	2420.9	2595.6	2607.5
42.5°	645.4	819.7	993.8	1168.2	1479.5	1791.0	2102.3	2413.5	2644.0	2831.9	2837.5
45°	663.4	842.7	1022.2	1201.5	1526.5	1851.4	2176.4	2501.3	2779.9	3008.2	2952.5
47.5°	670.5	863.3	1056.0	1248.6	1595.1	1941.5	2288.0	2634.3	2884.3	3092.0	3038.7
50°	673.3	883.6	1093.6	1303.6	1662.6	2021.9	2380.9	2739.9	2994.2	3196.7	3115.0
52.5°	690.7	920.7	1150.8	1380.8	1754.9	2128.9	2503.0	2877.0	3127.3	3321.8	3220.3
55°	714.2	975.8	1237.2	1498.8	1886.0	2272.9	2660.1	3047.1	3298.2	3479.2	3353.4
57.5°	735.9	1017.7	1299.3	1580.9	1982.1	2383.4	2784.6	3185.7	3440.1	3619.1	3497.2
60°	725.3	1019.4	1313.5	1607.6	2001.9	2395.9	2790.2	3184.2	3472.9	3687.7	3625.4
62.5°	693.5	979.4	1265.1	1551.1	1925.3	2299.4	2673.7	3047.7	3385.7	3661.1	3658.3
65°	632.2	895.4	1158.3	1421.4	1767.8	2114.3	2460.6	2806.9	3205.3	3539.8	3561.5
67.5°	557.6	776.1	994.5	1212.9	1539.0	1865.1	2191.3	2517.4	2943.2	3312.4	3331.1
70°	485.4	645.6	805.5	965.5	1251.8	1538.2	1824.3	2110.6	2540.8	2914.2	2931.4
72.5°	400.7	505.4	609.9	714.6	946.5	1178.5	1410.2	1642.2	2019.9	2307.1	2404.1
75°	307.0	369.1	431.2	493.4	681.0	868.7	1056.2	1243.9	1494.9	1706.9	1816.1
77.5°	219.5	251.7	284.0	316.2	475.7	635.3	794.6	954.1	1086.1	1206.2	1280.0
80°	144.0	159.1	174.3	189.4	322.0	454.7	587.1	719.7	800.1	864.6	901.8
82.5°	87.3	94.8	102.1	109.6	217.1	324.6	431.9	539.4	585.4	616.1	649.2
85°	47.1	51.2	55.2	59.3	128.3	197.1	266.1	334.9	339.4	343.1	392.3
87.5°	13.8	15.0	16.1	17.2	28.4	39.8	50.9	62.1	38.7	24.1	49.4
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: P596884  
 CATALOG NUMBER: MSA-SA1C-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: P596884

CATALOG NUMBER: MSA-SA1C-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1
2.5°	569.3	566.5	563.7	560.7	557.9	546.0	534.4	522.6	510.8	522.2	533.4
5°	709.0	717.6	726.0	734.6	743.2	743.8	744.2	744.9	745.3	747.5	749.6
7.5°	809.6	824.9	839.9	855.2	870.4	882.3	894.1	906.1	917.9	907.2	896.5
10°	818.2	850.4	882.7	914.9	947.2	953.0	958.6	964.4	970.2	977.9	985.5
12.5°	826.8	866.1	905.3	944.6	983.9	1001.1	1018.1	1035.3	1052.3	1060.7	1068.9
15°	917.7	941.0	964.0	987.2	1010.2	1022.0	1033.6	1045.4	1057.3	1064.3	1071.2
17.5°	1034.7	1043.3	1051.7	1060.3	1068.9	1076.8	1084.8	1092.7	1100.7	1102.0	1103.3
20°	1141.3	1143.0	1144.5	1146.3	1147.8	1131.0	1114.4	1097.7	1080.9	1083.9	1086.7
22.5°	1301.3	1291.8	1282.6	1273.1	1263.8	1232.2	1200.9	1169.3	1137.9	1124.3	1111.0
25°	1542.0	1517.9	1493.9	1469.8	1445.7	1395.4	1345.3	1295.0	1244.9	1215.5	1186.2
27.5°	1619.6	1567.2	1514.9	1462.5	1410.0	1372.0	1334.1	1296.1	1258.3	1211.6	1165.0
30°	1776.6	1693.8	1611.2	1528.5	1445.7	1409.0	1372.2	1335.2	1298.5	1250.7	1203.2
32.5°	1915.7	1829.7	1743.7	1657.5	1571.5	1501.8	1432.2	1362.5	1292.9	1260.6	1228.4
35°	2076.7	1968.5	1860.4	1752.3	1644.1	1584.4	1524.8	1465.1	1405.5	1356.7	1308.1
37.5°	2311.2	2196.2	2081.2	1966.0	1850.9	1770.1	1689.5	1608.7	1528.1	1501.2	1474.5
40°	2534.8	2398.9	2263.3	2127.4	1991.8	1929.8	1867.9	1805.8	1743.9	1698.5	1653.2
42.5°	2722.0	2587.7	2453.5	2319.2	2185.0	2139.9	2094.9	2049.8	2004.9	1967.5	1930.1
45°	2786.3	2676.7	2567.3	2457.6	2348.0	2332.1	2316.4	2300.5	2284.8	2257.0	2229.3
47.5°	2889.7	2777.9	2666.4	2554.6	2442.8	2448.6	2454.4	2460.4	2466.2	2467.7	2469.0
50°	2950.6	2844.4	2738.4	2632.2	2526.2	2554.4	2582.3	2610.5	2638.6	2702.5	2766.1
52.5°	3039.3	2935.1	2831.0	2726.8	2622.5	2670.2	2717.7	2765.5	2813.0	2902.4	2991.8
55°	3150.7	3050.9	2951.4	2851.7	2752.1	2798.6	2844.8	2891.2	2937.4	3037.0	3136.5
57.5°	3298.4	3191.5	3084.9	2978.1	2871.4	2914.2	2956.8	2999.6	3042.1	3136.7	3231.3
60°	3466.5	3350.4	3234.3	3118.0	3001.9	3013.8	3025.4	3037.2	3048.8	3151.3	3253.7
62.5°	3549.0	3441.6	3334.3	3226.8	3119.3	3086.4	3053.5	3020.4	2987.5	3079.3	3170.9
65°	3477.5	3403.5	3329.8	3255.8	3181.9	3123.8	3066.0	3008.0	2949.9	3007.3	3064.5
67.5°	3249.6	3207.7	3166.0	3124.0	3082.1	2984.7	2887.4	2789.8	2692.4	2696.2	2699.9
70°	2880.3	2869.1	2858.1	2846.9	2835.8	2689.4	2543.2	2396.8	2250.4	2228.0	2205.7
72.5°	2412.3	2419.6	2426.7	2434.0	2441.3	2283.9	2126.5	1969.2	1811.8	1774.6	1737.4
75°	1868.4	1908.8	1949.2	1989.8	2030.2	1879.8	1729.3	1578.6	1428.1	1382.3	1336.5
77.5°	1320.2	1395.6	1470.9	1546.3	1621.8	1485.7	1349.8	1213.8	1077.7	1048.0	1018.3
80°	920.5	957.5	994.5	1031.5	1068.4	1000.1	931.7	863.3	795.0	803.2	811.1
82.5°	670.5	679.1	687.5	696.1	704.7	676.7	648.8	620.6	592.7	614.0	635.3
85°	429.5	460.3	490.8	521.5	552.1	521.1	490.1	459.0	428.0	442.2	456.4
87.5°	96.1	152.0	207.9	264.0	319.9	289.8	259.9	229.8	199.7	186.2	172.8
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: P596884  
 CATALOG NUMBER: MSA-SA1C-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: P596884

CATALOG NUMBER: MSA-SA1C-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1
2.5°	544.8	556.1	552.7	549.5	546.0	542.6	548.8	555.1	561.5	567.8	565.6
5°	752.0	754.1	733.7	713.5	693.1	672.7	685.3	698.0	710.7	723.4	718.9
7.5°	885.7	875.0	863.1	851.3	839.3	827.4	824.9	822.3	819.5	816.9	813.5
10°	993.2	1000.7	993.0	985.5	977.7	970.0	951.9	933.9	915.6	897.5	890.0
12.5°	1077.2	1085.6	1087.6	1089.3	1091.2	1093.2	1072.9	1053.0	1032.7	1012.5	994.3
15°	1078.3	1085.4	1091.7	1097.7	1103.9	1109.9	1097.5	1085.2	1072.7	1060.3	1054.5
17.5°	1104.8	1106.1	1100.9	1096.0	1090.8	1085.8	1080.9	1076.2	1071.2	1066.5	1057.3
20°	1089.7	1092.7	1092.1	1091.4	1090.6	1089.9	1090.4	1090.6	1091.0	1091.2	1086.1
22.5°	1097.5	1083.9	1086.7	1089.3	1092.1	1094.7	1102.4	1110.1	1118.1	1125.8	1146.5
25°	1156.8	1127.3	1122.8	1118.5	1114.0	1109.7	1129.9	1149.9	1170.1	1190.3	1223.9
27.5°	1118.1	1071.4	1061.1	1050.8	1040.5	1030.2	1060.9	1091.4	1122.2	1152.9	1187.1
30°	1155.5	1108.0	1085.2	1062.4	1039.4	1016.6	1046.1	1075.3	1104.8	1134.0	1171.8
32.5°	1196.1	1163.9	1148.6	1133.6	1118.3	1103.3	1105.6	1108.0	1110.4	1112.7	1166.0
35°	1259.3	1210.5	1195.5	1180.4	1165.4	1150.3	1175.5	1200.4	1225.6	1250.5	1295.7
37.5°	1447.7	1420.8	1393.7	1366.6	1339.3	1312.2	1327.1	1341.9	1356.7	1371.6	1414.1
40°	1607.8	1562.4	1557.9	1553.6	1549.1	1544.6	1545.9	1547.0	1548.3	1549.6	1585.9
42.5°	1892.4	1855.0	1832.0	1809.0	1786.0	1763.0	1761.5	1760.0	1758.3	1756.8	1784.1
45°	2201.4	2173.6	2156.4	2139.2	2121.8	2104.6	2077.3	2050.0	2022.5	1995.2	2019.1
47.5°	2470.5	2472.0	2503.2	2534.1	2565.3	2596.5	2549.8	2503.2	2456.5	2409.9	2379.1
50°	2830.0	2893.6	2901.1	2908.4	2915.9	2923.5	2844.4	2765.5	2686.3	2607.2	2575.0
52.5°	3081.5	3170.9	3159.3	3147.9	3136.3	3124.7	3078.9	3033.3	2987.5	2941.7	2871.4
55°	3236.3	3335.8	3327.0	3318.4	3309.6	3300.8	3267.4	3234.1	3200.8	3167.5	3090.3
57.5°	3325.9	3420.5	3423.1	3425.7	3428.2	3430.8	3422.0	3413.2	3404.4	3395.6	3295.2
60°	3356.2	3458.8	3459.8	3460.7	3461.8	3462.6	3448.7	3434.7	3420.5	3406.5	3341.0
62.5°	3262.7	3354.3	3358.4	3362.2	3366.3	3370.4	3360.7	3351.1	3341.4	3331.7	3283.1
65°	3121.9	3179.3	3180.4	3181.2	3182.3	3183.4	3158.9	3134.6	3110.1	3085.6	3073.9
67.5°	2703.8	2707.6	2730.4	2753.2	2776.0	2798.8	2800.7	2802.6	2804.8	2806.7	2790.0
70°	2183.3	2160.9	2185.7	2210.4	2235.1	2259.8	2270.4	2280.9	2291.7	2302.2	2309.9
72.5°	1700.0	1662.8	1681.1	1699.4	1717.9	1736.2	1720.5	1704.8	1689.1	1673.4	1723.0
75°	1290.7	1244.9	1242.6	1240.4	1238.0	1235.9	1227.9	1220.0	1211.8	1203.9	1250.3
77.5°	988.5	958.8	960.3	961.6	963.1	964.4	956.2	948.3	940.1	931.9	949.8
80°	819.3	827.2	827.4	827.7	827.9	828.1	820.4	812.8	805.1	797.3	784.4
82.5°	656.8	678.0	677.8	677.8	677.6	677.4	677.0	676.5	675.9	675.5	654.4
85°	470.6	484.8	470.2	455.5	440.9	426.3	437.0	447.8	458.8	469.5	460.7
87.5°	159.3	146.0	128.6	111.4	93.9	76.5	95.2	113.9	132.9	151.6	162.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596884  
 CATALOG NUMBER: MSA-SA1C-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: P596884

CATALOG NUMBER: MSA-SA1C-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1	467.1
2.5°	563.7	561.5	559.6	546.0	532.3	518.7	505.0	529.9	555.1	580.0	604.9
5°	714.6	710.1	705.8	704.7	703.6	702.3	701.3	713.9	726.6	739.1	751.8
7.5°	810.0	806.6	803.2	794.1	785.3	776.3	767.3	775.0	782.5	790.3	797.8
10°	882.7	875.2	867.6	848.1	828.7	809.2	789.6	783.8	778.0	772.2	766.4
12.5°	976.0	957.5	939.2	917.1	894.7	872.6	850.2	847.2	844.2	841.4	838.4
15°	1048.9	1043.1	1037.3	1019.6	1002.0	984.4	966.7	943.1	919.2	895.6	871.9
17.5°	1048.2	1039.0	1030.0	1053.6	1077.0	1100.7	1124.1	1099.0	1073.6	1048.4	1023.3
20°	1080.9	1075.5	1070.4	1114.0	1157.4	1201.1	1244.5	1230.7	1216.8	1203.0	1189.0
22.5°	1166.9	1187.5	1208.0	1245.4	1282.6	1320.0	1357.1	1372.8	1388.5	1404.2	1419.9
25°	1257.2	1290.7	1324.3	1379.9	1435.4	1491.1	1546.8	1557.9	1569.1	1580.3	1591.5
27.5°	1221.1	1255.2	1289.4	1331.6	1373.5	1415.6	1457.5	1506.6	1555.8	1604.8	1653.8
30°	1209.5	1247.3	1284.9	1342.7	1400.4	1458.2	1516.0	1583.5	1651.0	1718.3	1785.8
32.5°	1219.1	1272.4	1325.8	1404.0	1482.0	1560.3	1638.6	1709.5	1780.7	1851.6	1922.5
35°	1340.6	1385.7	1430.7	1518.2	1605.7	1693.2	1780.7	1863.8	1947.0	2030.0	2113.2
37.5°	1456.5	1499.0	1541.6	1631.0	1720.2	1809.7	1899.1	2030.5	2162.0	2293.4	2424.7
40°	1622.0	1658.3	1694.4	1771.0	1847.5	1924.0	2000.6	2159.0	2317.4	2475.9	2634.3
42.5°	1811.2	1838.5	1865.6	1944.9	2024.2	2103.5	2182.9	2355.3	2527.9	2700.3	2872.7
45°	2042.7	2066.6	2090.4	2145.0	2199.6	2254.5	2309.1	2486.8	2664.6	2842.4	3020.2
47.5°	2348.4	2317.7	2286.9	2313.8	2340.7	2367.5	2394.4	2570.3	2746.1	2921.7	3097.6
50°	2542.7	2510.5	2478.2	2480.6	2482.8	2485.1	2487.5	2651.5	2815.5	2979.4	3143.4
52.5°	2801.1	2730.6	2660.3	2659.7	2659.0	2658.2	2657.5	2800.5	2943.7	3086.6	3229.6
55°	3013.1	2935.9	2858.8	2843.7	2828.7	2813.4	2798.3	2939.8	3081.0	3222.5	3363.7
57.5°	3194.8	3094.2	2993.8	2970.1	2946.5	2922.8	2899.2	3051.6	3204.2	3356.6	3509.1
60°	3275.6	3210.0	3144.7	3115.7	3086.6	3057.6	3028.6	3158.4	3288.3	3417.9	3547.8
62.5°	3234.8	3186.2	3137.8	3144.5	3151.1	3157.8	3164.5	3238.6	3313.0	3387.2	3461.3
65°	3062.6	3050.9	3039.6	3093.3	3147.0	3200.8	3254.5	3255.6	3256.7	3257.8	3258.8
67.5°	2773.2	2756.4	2739.7	2851.4	2963.0	3074.8	3186.6	3133.5	3080.4	3027.5	2974.4
70°	2317.4	2325.2	2332.7	2484.9	2636.9	2789.1	2941.3	2864.3	2787.2	2710.2	2633.0
72.5°	1772.7	1822.6	1872.2	2030.0	2187.8	2345.6	2503.4	2415.5	2327.3	2239.4	2151.3
75°	1296.7	1343.2	1389.6	1545.5	1701.3	1857.4	2013.3	1908.8	1804.3	1700.0	1595.6
77.5°	967.6	985.7	1003.5	1133.1	1262.6	1392.2	1521.6	1416.7	1311.8	1207.1	1102.2
80°	771.8	758.9	746.2	818.0	889.8	961.6	1033.4	959.0	884.4	810.0	735.6
82.5°	633.5	612.5	591.6	618.3	644.9	671.8	698.5	638.9	579.4	519.8	460.3
85°	451.9	443.1	434.3	442.0	449.5	457.3	465.0	407.0	348.9	291.1	233.0
87.5°	172.8	183.6	194.3	206.6	218.6	230.9	242.9	190.3	137.6	85.1	32.5
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: P596884  
 CATALOG NUMBER: MSA-SA1C-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





REPORT NUMBER: P596884  
 CATALOG NUMBER: MSA-SA1C-835-U-SLR

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	467.1	467.1
2.5°	615.3	625.6
5°	751.6	751.3
7.5°	794.3	790.7
10°	756.9	747.5
12.5°	810.5	782.3
15°	844.0	815.8
17.5°	980.9	938.4
20°	1138.5	1087.8
22.5°	1342.7	1265.6
25°	1499.2	1406.8
27.5°	1599.0	1544.0
30°	1722.8	1659.8
32.5°	1876.1	1829.5
35°	2070.7	2027.9
37.5°	2411.4	2397.8
40°	2618.2	2601.9
42.5°	2873.4	2873.8
45°	3029.9	3039.6
47.5°	3122.1	3146.4
50°	3195.6	3247.7
52.5°	3300.8	3371.9
55°	3458.3	3552.7
57.5°	3589.5	3669.9
60°	3589.5	3631.0
62.5°	3460.3	3459.0
65°	3238.8	3218.6
67.5°	2949.0	2923.7
70°	2593.5	2553.7
72.5°	2102.0	2052.6
75°	1527.8	1459.9
77.5°	1069.9	1037.5
80°	751.3	767.0
82.5°	482.6	505.0
85°	229.6	226.2
87.5°	27.1	21.7
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: P596884  
CATALOG NUMBER: MSA-SA1C-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)