

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: P596576

Luminaire Tested: **MSA-SA2A-827-U-SLR**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P596576  
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-SA2A-827-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**

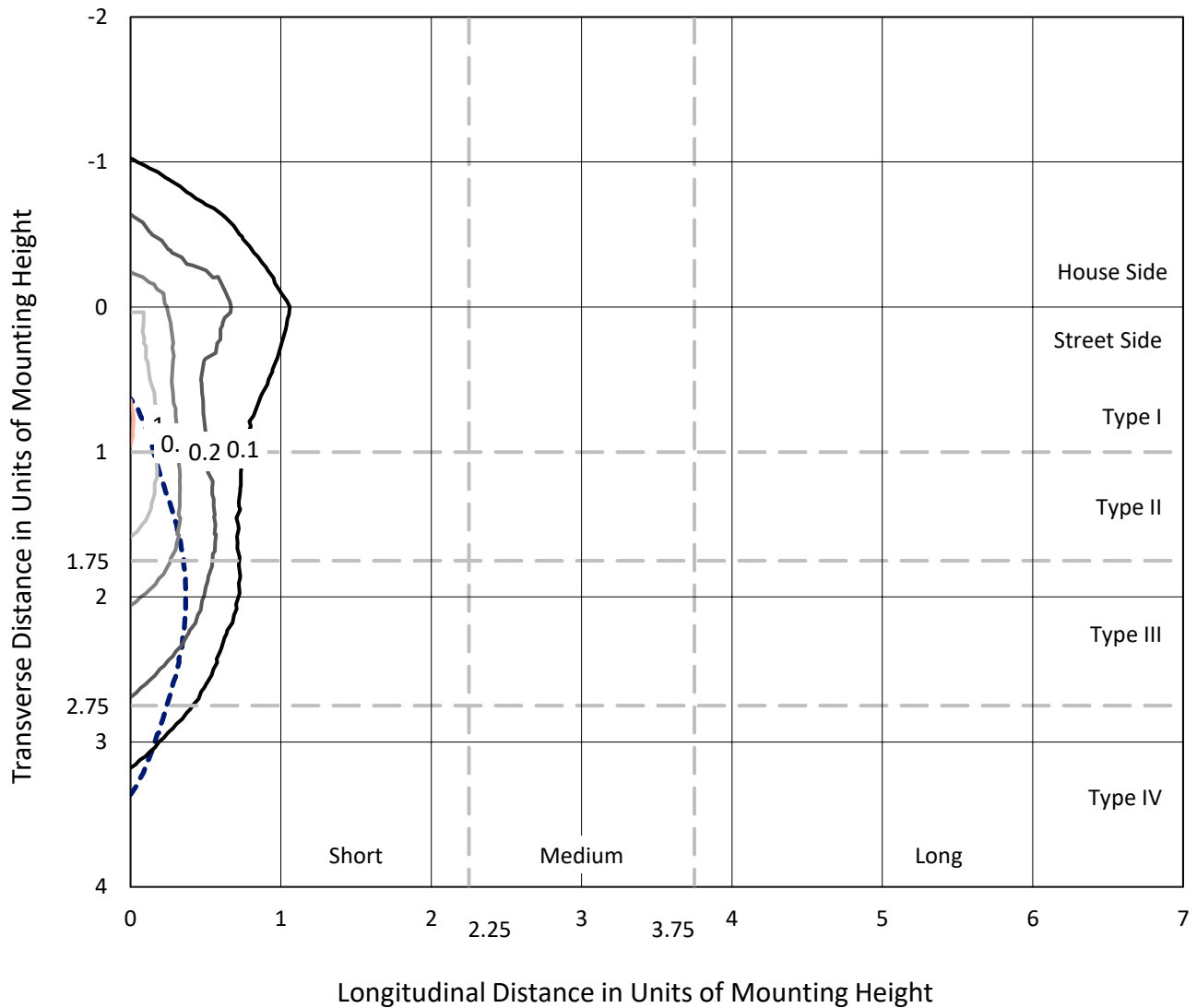
Lumens per Lamp: N/A  
Luminaire Lumens: 5005 lumens  
Efficiency: N/A  
Efficacy: 75.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2  
  
Input Watts (W): 66  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage 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

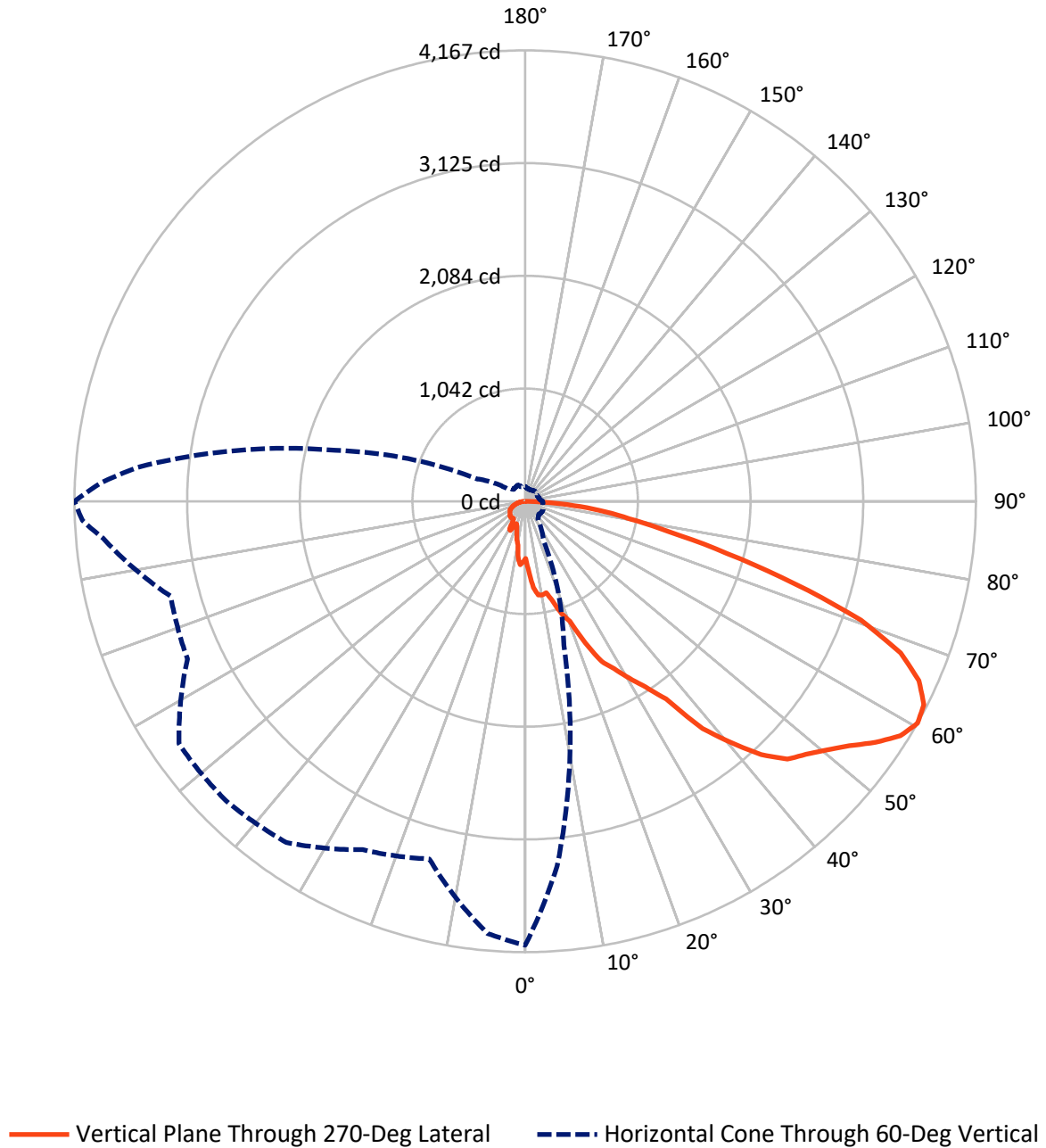
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.1 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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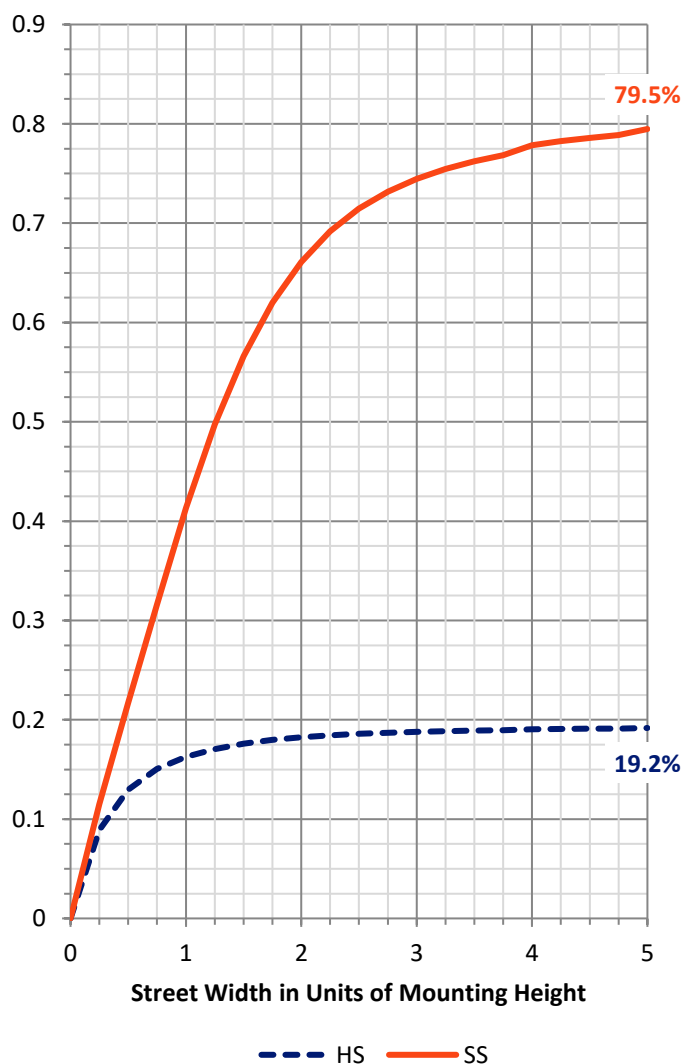
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	969.4	0.0	969.4
	% Fixture	19.4	0.0	19.4
<b>Street Side</b>	Lumens	4035.6	0.0	4035.6
	% Fixture	80.6	0.0	80.6
<b>Total</b>	Lumens	5005.0	0.0	5005.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	60.5	1.2
10°-20°	175.9	3.5
20°-30°	310.5	6.2
30°-40°	483.5	9.7
40°-50°	796.0	15.9
50°-60°	1136.2	22.7
60°-70°	1204.8	24.1
70°-80°	665.4	13.3
80°-90°	172.2	3.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5005.0	100.0
0°-180°	5005.0	100.0

**Coefficient of Utilization**



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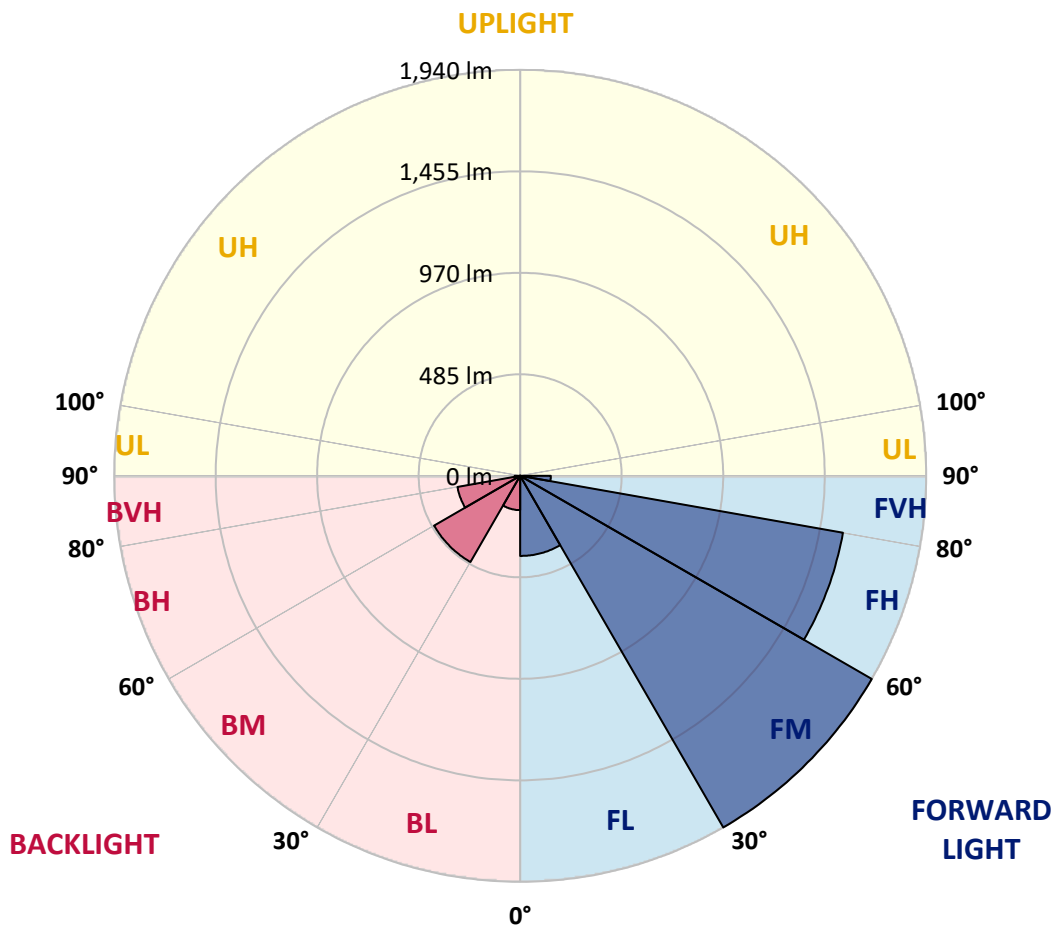
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	383.0	7.7			
FM (30°-60°)	1940.3	38.8			
FH (60°-80°)	1566.1	31.3			G1/1800
FVH (80°-90°)	146.3	2.9			G2/225
BL (0°-30°)	163.9	3.3	B1/500		
BM (30°-60°)	475.5	9.5	B1/1000		
BH (60°-80°)	304.2	6.1	B1/500		G1/500
BVH (80°-90°)	25.8	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°	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9
2.5°	706.9	711.3	715.4	707.2	698.9	690.4	682.2	669.8	657.1	644.7	632.1
5°	849.1	833.0	816.7	810.2	803.9	797.3	790.8	784.7	778.6	772.3	766.2
7.5°	893.5	870.7	847.6	837.9	828.2	818.2	808.5	786.6	764.8	742.7	720.8
10°	844.7	820.9	796.8	787.4	777.6	768.2	758.4	731.7	705.2	678.5	651.8
12.5°	884.0	859.7	835.2	805.1	775.0	744.6	714.5	699.7	684.8	669.8	655.0
15°	921.9	889.1	856.1	826.0	795.9	765.5	735.4	705.7	676.1	646.4	616.8
17.5°	1060.4	1005.7	951.1	896.7	842.0	787.6	732.9	698.7	664.2	629.9	595.4
20°	1229.2	1153.2	1076.9	994.3	911.5	828.9	746.1	702.8	659.8	616.6	573.3
22.5°	1430.2	1334.2	1238.2	1134.0	1029.8	925.3	821.1	758.4	695.8	632.8	570.2
25°	1589.8	1497.4	1405.1	1273.0	1140.8	1008.7	876.5	805.3	734.1	662.7	591.5
27.5°	1744.8	1597.8	1450.6	1299.2	1148.1	996.8	845.4	779.6	713.7	647.9	582.1
30°	1875.7	1759.1	1642.5	1445.0	1247.5	1049.7	852.2	771.3	690.4	609.5	528.6
32.5°	2067.4	1901.0	1734.3	1528.3	1322.3	1116.3	910.3	806.8	703.3	599.8	496.3
35°	2291.6	2118.6	1945.7	1690.8	1436.2	1181.4	926.6	817.0	707.2	597.6	487.8
37.5°	2709.7	2404.8	2099.7	1821.5	1543.4	1265.0	986.8	859.5	732.2	604.7	477.4
40°	2940.2	2658.4	2376.6	2030.0	1683.3	1336.4	989.7	859.5	729.0	598.8	468.4
42.5°	3247.6	2891.2	2534.5	2159.7	1785.1	1410.2	1035.4	891.1	746.8	602.2	457.9
45°	3434.9	3037.7	2640.2	2239.6	1839.0	1438.4	1037.8	891.3	744.8	598.3	451.9
47.5°	3555.6	3174.2	2792.5	2361.3	1930.1	1498.7	1067.5	912.0	756.3	600.8	445.1
50°	3670.0	3292.3	2914.2	2466.5	2019.0	1571.3	1123.6	953.8	784.0	613.9	444.1
52.5°	3810.4	3462.5	3114.4	2634.1	2153.6	1673.3	1192.8	1007.9	823.1	638.2	453.3
55°	4014.7	3672.0	3328.9	2813.4	2297.7	1782.2	1266.4	1061.1	856.1	650.8	445.5
57.5°	4147.1	3799.5	3451.9	2926.1	2400.4	1874.5	1348.8	1121.4	894.0	666.4	439.0
60°	4103.2	3744.6	3385.8	2884.6	2383.4	1882.3	1381.1	1135.5	890.1	644.5	398.9
62.5°	3908.8	3527.7	3146.5	2697.5	2248.8	1799.9	1351.0	1101.2	851.7	602.0	352.3
65°	3637.2	3243.2	2848.9	2443.9	2039.0	1634.0	1229.0	1002.3	775.4	548.8	321.9
67.5°	3303.9	2893.1	2482.1	2123.5	1764.9	1406.1	1047.5	858.0	668.8	479.3	289.8
70°	2885.8	2482.1	2078.3	1768.1	1457.9	1147.6	837.4	694.8	552.4	409.8	267.2
72.5°	2319.5	1971.2	1622.8	1378.7	1134.5	890.4	646.2	547.1	448.2	349.1	250.0
75°	1649.8	1445.0	1240.2	1050.2	860.2	670.0	480.0	415.9	351.8	287.6	223.5
77.5°	1172.4	1051.7	930.9	782.0	633.1	484.2	335.2	297.6	260.2	222.5	184.9
80°	866.8	766.0	665.2	552.9	440.7	328.4	216.2	197.7	179.5	161.1	142.6
82.5°	570.7	525.2	479.6	390.6	301.7	212.8	123.9	117.1	110.3	103.5	96.7
85°	255.6	269.9	284.0	229.6	174.9	120.5	65.8	62.7	59.5	56.4	53.2
87.5°	24.5	36.2	47.9	41.1	34.0	27.2	20.2	19.9	19.9	19.7	19.4
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



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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°	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9
2.5°	635.5	638.9	642.3	645.7	642.1	638.4	634.5	630.9	626.3	621.7	616.8
5°	756.0	745.6	735.4	724.9	709.4	693.8	678.0	662.5	660.5	658.4	656.4
7.5°	701.6	682.6	663.5	644.3	620.0	595.9	571.6	547.3	540.0	532.8	525.5
10°	638.9	625.8	612.9	599.8	584.7	569.7	554.4	539.3	519.4	499.2	479.3
12.5°	633.6	612.2	590.6	569.2	560.0	550.7	541.5	532.3	514.8	497.3	479.6
15°	599.6	582.1	564.8	547.3	534.0	520.6	507.2	493.9	479.8	465.5	451.4
17.5°	575.5	555.6	535.7	515.8	500.4	485.1	469.6	454.3	437.3	420.0	403.0
20°	550.5	527.9	505.1	482.2	462.8	443.6	424.2	404.7	386.0	367.6	348.9
22.5°	540.3	510.4	480.5	450.6	430.2	409.6	389.2	368.5	351.3	334.0	316.8
25°	555.8	520.4	484.7	448.9	421.5	393.8	366.3	338.7	324.3	310.0	295.4
27.5°	537.6	492.9	448.5	403.8	374.4	344.7	315.3	285.7	283.5	281.3	278.9
30°	481.7	434.9	388.0	341.1	314.1	286.9	259.9	232.7	227.6	222.3	217.2
32.5°	448.5	400.6	352.7	304.9	280.8	256.5	232.5	208.2	202.4	196.5	190.7
35°	435.8	383.8	331.8	279.9	259.2	238.6	217.9	197.3	193.1	189.2	185.1
37.5°	425.6	374.1	322.4	270.6	250.7	230.8	210.6	190.7	187.5	184.4	181.2
40°	415.9	363.7	311.2	258.7	241.0	223.5	205.8	188.0	186.1	184.1	182.0
42.5°	407.2	356.4	305.4	254.6	238.8	223.3	207.5	191.7	189.7	187.8	185.8
45°	402.3	352.7	303.2	253.6	242.2	230.8	219.1	207.7	203.1	198.5	193.6
47.5°	398.7	352.3	305.9	259.5	247.6	235.6	223.7	211.8	207.7	203.6	199.2
50°	399.4	354.9	310.2	265.5	251.2	236.6	222.3	207.7	207.2	206.7	206.3
52.5°	405.9	358.8	311.4	264.1	248.5	233.0	217.2	201.6	204.8	207.7	210.9
55°	396.5	347.4	298.1	249.0	234.2	219.6	204.8	190.0	194.1	198.0	202.1
57.5°	385.8	332.6	279.4	226.2	215.0	203.8	192.4	181.2	185.6	190.2	194.6
60°	350.3	301.7	253.1	204.6	197.0	189.5	182.0	174.4	176.4	178.3	180.3
62.5°	311.4	270.4	229.6	188.5	182.7	176.6	170.8	164.7	164.7	165.0	165.0
65°	286.7	251.4	216.2	181.0	174.4	167.9	161.1	154.5	153.5	152.6	151.6
67.5°	261.9	234.2	206.3	178.3	168.8	159.6	150.1	140.7	139.4	138.5	137.3
70°	242.4	217.7	192.9	168.1	157.4	147.0	136.3	125.6	124.6	123.9	122.9
72.5°	226.7	203.6	180.3	156.9	145.8	134.3	123.2	111.7	111.0	110.3	109.3
75°	202.9	182.4	161.8	141.1	130.2	119.5	108.6	97.7	96.7	96.0	95.0
77.5°	167.9	150.6	133.6	116.4	107.9	99.6	91.1	82.6	82.1	81.6	80.9
80°	129.2	115.9	102.3	88.9	83.3	77.5	71.9	66.1	65.8	65.6	65.1
82.5°	88.7	80.7	72.6	64.6	60.5	56.1	52.0	47.6	47.9	48.1	48.3
85°	50.5	47.6	44.9	42.0	38.6	35.5	32.1	28.7	29.4	30.1	30.6
87.5°	18.5	17.5	16.5	15.5	13.8	12.4	10.7	9.0	9.5	10.2	10.7
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



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 CATALOG NUMBER: MSA-SA2A-827-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: P596576  
 CATALOG NUMBER: MSA-SA2A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9
2.5°	612.2	604.9	597.6	590.3	583.0	568.0	553.2	538.1	523.0	532.3	541.7
5°	654.2	641.8	629.2	616.8	604.2	597.1	590.1	583.0	576.0	579.6	583.5
7.5°	518.2	510.9	503.4	496.1	488.5	485.4	482.5	479.3	476.2	485.1	494.1
10°	459.1	448.9	438.7	428.3	418.1	412.0	405.9	399.9	393.8	396.2	398.7
12.5°	462.1	447.0	431.9	416.9	401.8	392.8	383.8	374.8	365.9	368.0	370.2
15°	437.0	421.5	405.9	390.4	374.8	364.4	353.7	343.3	332.6	328.9	325.0
17.5°	385.8	368.8	351.8	334.8	317.8	310.7	303.7	296.6	289.6	285.7	281.8
20°	330.1	314.4	298.6	282.8	267.0	262.1	257.3	252.2	247.3	244.9	242.2
22.5°	299.5	289.8	279.9	270.1	260.2	254.6	249.3	243.7	238.1	235.4	232.5
25°	281.1	283.0	285.2	287.1	289.1	286.7	284.0	281.6	278.9	279.9	280.6
27.5°	276.7	280.8	285.2	289.3	293.5	295.7	297.8	300.0	302.2	302.9	303.7
30°	211.8	214.0	216.0	218.2	220.1	226.2	232.2	238.1	244.1	253.6	263.3
32.5°	184.9	184.1	183.4	182.4	181.7	183.2	184.6	185.8	187.3	190.7	194.3
35°	181.0	179.3	177.3	175.6	173.7	174.4	175.2	175.9	176.6	179.3	182.0
37.5°	178.1	177.3	176.9	176.1	175.4	177.1	178.6	180.3	181.7	183.9	186.1
40°	180.0	179.8	179.5	179.0	178.8	179.8	180.7	181.7	182.7	185.6	188.5
42.5°	183.9	183.9	183.7	183.7	183.4	184.4	185.1	186.1	186.8	188.5	190.2
45°	189.0	188.5	188.3	187.8	187.3	187.1	187.1	186.8	186.6	187.5	188.8
47.5°	195.1	193.4	191.4	189.7	187.8	187.3	186.6	186.1	185.4	185.8	186.3
50°	205.8	201.1	196.8	192.2	187.5	186.3	185.1	183.9	182.7	182.4	182.4
52.5°	213.8	207.0	200.2	193.4	186.6	184.4	182.2	180.0	177.8	177.3	177.1
55°	206.0	200.9	196.0	190.9	185.8	182.7	179.3	176.1	172.7	172.0	171.3
57.5°	199.0	195.8	192.6	189.5	186.3	183.2	179.8	176.6	173.2	171.5	169.8
60°	182.2	182.2	182.4	182.4	182.4	179.0	175.6	172.2	168.8	167.1	165.7
62.5°	165.0	167.6	170.1	172.7	175.2	170.5	165.7	161.1	156.2	155.0	154.0
65°	150.6	151.3	152.3	153.0	153.8	150.1	146.5	142.8	139.2	138.5	137.5
67.5°	136.0	135.8	135.6	135.1	134.8	132.6	130.2	128.0	125.6	124.6	123.7
70°	122.0	121.7	121.5	121.0	120.7	118.8	116.9	114.9	113.0	112.2	111.5
72.5°	108.6	108.3	107.9	107.6	107.1	105.4	104.0	102.3	100.6	99.6	98.6
75°	94.0	93.5	93.0	92.6	92.1	90.6	89.2	87.5	86.0	85.0	84.1
77.5°	80.4	79.7	79.0	78.0	77.3	76.0	74.6	73.4	71.9	70.7	69.7
80°	64.9	64.4	63.9	63.2	62.7	61.5	60.2	58.8	57.6	56.1	54.9
82.5°	48.6	48.3	47.9	47.6	47.1	45.9	44.7	43.5	42.3	40.8	39.4
85°	31.3	31.1	30.9	30.6	30.4	29.4	28.7	27.7	26.7	25.3	24.1
87.5°	11.2	10.7	10.4	10.0	9.5	9.2	8.7	8.5	8.0	7.3	6.6
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: P596576  
 CATALOG NUMBER: MSA-SA2A-827-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: P596576  
 CATALOG NUMBER: MSA-SA2A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9
2.5°	551.0	560.2	560.5	560.5	564.8	569.0	560.5	551.9	543.2	534.7	526.2
5°	587.2	590.8	589.8	588.6	583.3	577.9	572.4	566.8	561.2	555.6	555.8
7.5°	503.1	512.1	519.4	526.4	519.6	512.8	509.2	505.5	501.9	498.3	497.8
10°	400.8	403.3	406.2	408.9	404.7	400.4	407.6	414.9	422.0	429.3	421.2
12.5°	372.4	374.6	369.5	364.2	362.5	360.8	359.1	357.1	355.4	353.5	352.5
15°	321.4	317.5	313.6	309.5	308.5	307.3	306.1	304.6	303.4	302.0	297.6
17.5°	277.9	274.0	267.5	260.7	258.0	255.1	254.4	253.6	252.7	251.9	247.8
20°	239.8	237.1	235.4	233.5	230.8	228.1	225.4	222.8	219.9	217.2	213.3
22.5°	229.8	226.9	224.7	222.3	221.8	221.3	216.5	211.4	206.5	201.4	199.2
25°	281.6	282.3	268.9	255.3	254.1	252.9	244.1	235.2	226.4	217.4	209.9
27.5°	304.2	304.9	304.4	303.9	300.0	295.9	281.1	266.0	251.2	236.1	225.4
30°	272.8	282.3	285.9	289.6	286.9	284.0	268.4	253.1	237.6	222.0	215.0
32.5°	197.7	201.1	207.2	213.1	216.2	219.1	214.3	209.4	204.6	199.7	198.5
35°	184.4	187.1	188.3	189.5	187.5	185.6	182.0	178.3	174.4	170.8	170.1
37.5°	188.0	190.2	192.6	195.1	189.7	184.1	180.0	176.1	172.0	167.9	164.5
40°	191.4	194.3	195.8	197.3	191.9	186.6	181.5	176.6	171.5	166.4	163.0
42.5°	191.9	193.6	196.3	199.0	191.4	183.7	179.0	174.2	169.6	164.7	161.3
45°	189.7	190.7	193.1	195.6	186.8	177.8	173.7	169.3	165.2	160.8	157.9
47.5°	186.6	187.1	189.0	190.7	181.5	172.0	168.1	164.2	160.1	156.2	153.3
50°	182.2	182.0	183.4	184.6	175.2	165.7	161.8	158.2	154.3	150.4	147.9
52.5°	176.6	176.1	177.6	178.8	168.8	158.9	155.5	152.3	148.9	145.5	143.6
55°	170.3	169.6	170.8	172.0	162.3	152.3	149.4	146.2	143.3	140.2	138.5
57.5°	167.9	166.2	166.9	167.6	156.7	145.8	142.8	139.9	137.0	134.1	132.9
60°	164.0	162.3	163.0	163.5	151.8	139.9	137.3	134.3	131.7	128.8	127.5
62.5°	152.8	151.6	152.6	153.5	143.1	132.4	130.0	127.8	125.4	122.9	121.2
65°	136.8	135.8	137.7	139.7	130.7	121.7	120.3	118.8	117.1	115.6	113.9
67.5°	122.7	121.7	123.7	125.6	119.0	112.5	111.0	109.6	108.1	106.6	105.7
70°	110.8	110.0	111.7	113.5	107.9	102.3	100.8	99.6	98.1	96.7	96.0
72.5°	97.4	96.4	98.6	100.6	96.0	91.1	89.9	88.4	87.2	85.8	85.3
75°	83.1	82.1	84.1	85.8	82.6	79.2	78.0	76.8	75.6	74.3	74.1
77.5°	68.5	67.3	69.2	70.9	69.0	66.8	65.8	64.6	63.6	62.4	62.4
80°	53.4	52.0	53.4	54.7	53.9	53.2	52.5	51.5	50.8	49.8	50.0
82.5°	37.9	36.4	37.2	37.9	38.4	38.9	38.9	38.9	38.9	38.9	38.9
85°	22.6	21.1	21.4	21.6	22.3	23.1	23.3	23.6	23.8	24.1	24.3
87.5°	5.8	5.1	4.6	3.9	4.6	5.1	5.6	5.8	6.3	6.6	6.6
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: P596576  
 CATALOG NUMBER: MSA-SA2A-827-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: P596576  
 CATALOG NUMBER: MSA-SA2A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9
2.5°	517.7	508.9	500.4	505.8	510.9	516.2	521.3	521.6	521.6	521.8	521.8
5°	556.3	556.6	556.8	551.7	546.8	541.7	536.6	534.0	531.3	528.4	525.7
7.5°	497.0	496.6	495.8	491.0	486.1	481.3	476.4	464.7	452.8	441.2	429.3
10°	413.0	405.0	396.7	394.8	393.1	391.1	389.2	386.0	383.1	379.9	376.8
12.5°	351.5	350.6	349.6	344.5	339.4	334.0	328.9	328.9	328.9	328.9	328.9
15°	293.0	288.6	284.0	281.6	278.9	276.5	273.8	272.6	271.4	270.1	268.9
17.5°	243.4	239.3	234.9	234.4	233.9	233.5	233.0	231.8	230.5	229.3	228.1
20°	209.4	205.5	201.6	203.1	204.6	205.8	207.2	206.0	204.8	203.3	202.1
22.5°	196.8	194.6	192.2	190.9	189.7	188.3	187.1	187.1	187.3	187.3	187.3
25°	202.6	195.1	187.5	183.9	180.3	176.4	172.7	171.3	170.1	168.6	167.1
27.5°	214.8	203.8	193.1	186.8	180.5	174.2	167.9	165.2	162.3	159.6	156.7
30°	207.7	200.7	193.4	186.1	178.8	171.5	164.2	160.8	157.4	153.8	150.4
32.5°	197.3	195.8	194.6	187.8	181.0	173.9	167.1	165.7	164.5	163.0	161.6
35°	169.1	168.4	167.4	165.7	164.0	162.3	160.6	158.6	156.7	154.7	152.8
37.5°	161.3	157.9	154.5	153.8	153.0	152.3	151.6	150.9	150.1	149.2	148.4
40°	159.6	156.2	152.8	151.6	150.4	148.9	147.7	147.9	148.4	148.7	148.9
42.5°	157.7	154.3	150.6	149.6	148.7	147.7	146.7	147.0	147.5	147.7	147.9
45°	155.2	152.3	149.4	147.7	146.2	144.5	142.8	144.3	145.8	147.0	148.4
47.5°	150.4	147.2	144.3	143.3	142.4	141.1	140.2	141.6	143.1	144.3	145.8
50°	145.3	142.8	140.2	139.9	139.7	139.2	139.0	139.9	140.9	141.9	142.8
52.5°	141.4	139.4	137.3	137.3	137.0	137.0	136.8	137.7	138.7	139.4	140.4
55°	137.0	135.3	133.6	133.9	134.3	134.6	134.8	135.8	137.0	138.0	139.0
57.5°	131.4	130.2	128.8	129.7	130.5	131.4	132.2	132.9	133.9	134.6	135.3
60°	126.1	124.9	123.4	124.4	125.6	126.6	127.5	128.3	129.0	129.7	130.5
62.5°	119.5	117.6	115.9	117.3	118.6	120.0	121.2	121.7	122.4	122.9	123.4
65°	112.5	110.8	109.1	110.0	111.0	111.7	112.7	113.5	114.2	114.9	115.6
67.5°	104.5	103.5	102.3	103.0	103.7	104.5	105.2	105.4	105.4	105.7	105.7
70°	95.0	94.3	93.3	93.8	94.5	95.0	95.5	95.5	95.5	95.2	95.2
72.5°	85.0	84.5	84.1	84.3	84.8	85.0	85.3	85.0	84.8	84.5	84.3
75°	73.9	73.6	73.4	73.6	74.1	74.3	74.6	74.3	73.9	73.6	73.1
77.5°	62.7	62.7	62.7	62.7	62.9	62.9	62.9	62.4	61.9	61.5	61.0
80°	50.3	50.5	50.8	50.8	50.8	50.8	50.8	50.3	49.8	49.1	48.6
82.5°	38.9	38.9	38.9	38.9	39.1	39.1	39.1	37.9	36.9	35.7	34.5
85°	24.3	24.5	24.5	24.8	25.0	25.0	25.3	23.6	22.1	20.4	18.7
87.5°	6.6	6.6	6.6	6.6	6.6	6.3	6.3	4.9	3.2	1.7	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



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**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: P596576  
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**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9
2.5°	523.3	524.7	526.0	527.4	527.7	527.9	527.9	528.1	523.0	517.9	512.6
5°	529.4	532.8	536.4	539.8	539.1	538.3	537.6	536.9	535.4	534.2	532.8
7.5°	426.6	424.2	421.5	418.8	421.0	423.2	425.4	427.6	428.5	429.5	430.2
10°	370.7	364.6	358.6	352.5	349.1	345.5	342.1	338.4	337.9	337.7	337.2
12.5°	322.6	316.1	309.7	303.2	301.2	299.1	297.1	294.9	296.9	298.8	300.5
15°	266.3	263.8	261.2	258.5	260.7	262.9	265.0	267.2	269.2	270.9	272.8
17.5°	226.9	225.9	224.7	223.5	225.4	227.6	229.6	231.5	235.9	240.3	244.6
20°	201.1	200.4	199.4	198.5	197.7	196.8	196.0	195.1	201.4	207.5	213.8
22.5°	185.8	184.4	182.9	181.5	181.7	182.0	182.0	182.2	187.3	192.6	197.7
25°	166.7	166.2	165.7	165.2	166.7	168.1	169.3	170.8	175.4	180.0	184.4
27.5°	156.9	157.2	157.4	157.7	159.6	161.8	163.7	165.7	168.8	172.0	175.2
30°	151.6	153.0	154.3	155.5	156.2	156.9	157.7	158.4	161.6	164.5	167.6
32.5°	159.6	157.7	155.5	153.5	154.5	155.7	156.7	157.7	160.6	163.5	166.4
35°	152.1	151.1	150.4	149.4	150.6	151.8	152.8	154.0	156.7	159.1	161.8
37.5°	148.2	147.9	147.7	147.5	148.2	148.9	149.4	150.1	152.6	155.0	157.2
40°	147.9	146.7	145.8	144.5	145.3	146.0	146.5	147.2	150.1	153.0	156.0
42.5°	146.5	145.0	143.3	141.9	142.6	143.6	144.3	145.0	148.2	151.1	154.3
45°	146.2	144.1	141.6	139.4	140.4	141.4	142.4	143.3	145.8	148.2	150.4
47.5°	143.6	141.4	139.2	137.0	137.5	138.0	138.2	138.7	140.9	142.8	145.0
50°	141.4	139.7	138.2	136.5	135.8	135.3	134.6	133.9	135.6	137.3	139.0
52.5°	138.7	137.0	135.1	133.4	132.4	131.4	130.5	129.5	130.9	132.2	133.6
55°	137.0	134.8	132.9	130.7	129.5	128.3	127.1	125.8	126.8	127.5	128.5
57.5°	133.4	131.4	129.2	127.3	125.8	124.4	122.7	121.2	121.7	122.2	122.7
60°	128.5	126.3	124.4	122.2	120.5	118.8	116.9	115.2	115.4	115.9	116.1
62.5°	121.5	119.5	117.3	115.4	113.5	111.7	109.8	107.9	108.3	108.6	109.1
65°	113.7	111.5	109.6	107.4	105.7	104.0	102.0	100.3	100.8	101.3	101.5
67.5°	104.2	102.5	101.1	99.4	97.9	96.2	94.7	93.0	93.3	93.5	93.8
70°	94.0	92.6	91.3	89.9	88.7	87.5	86.2	85.0	85.0	85.3	85.3
72.5°	83.1	81.9	80.7	79.4	78.2	77.3	76.0	74.8	75.3	75.8	76.0
75°	71.9	70.9	69.7	68.5	67.5	66.6	65.3	64.4	64.9	65.3	65.6
77.5°	60.2	59.5	58.5	57.8	56.8	55.9	54.7	53.7	54.2	54.7	54.9
80°	48.1	47.6	46.9	46.4	45.4	44.5	43.5	42.5	42.8	42.8	43.0
82.5°	34.7	35.0	35.0	35.2	34.5	33.5	32.8	31.8	31.8	31.8	31.6
85°	19.4	20.4	21.1	21.9	21.1	20.4	19.7	18.9	18.7	18.7	18.5
87.5°	0.7	1.2	1.9	2.4	2.2	1.9	1.5	1.2	1.5	1.7	1.7
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: P596576  
 CATALOG NUMBER: MSA-SA2A-827-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: P596576  
 CATALOG NUMBER: MSA-SA2A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9
2.5°	507.5	511.6	515.8	519.9	524.0	530.3	536.6	543.2	549.8	546.1	542.2
5°	531.3	533.7	536.4	538.8	541.3	548.3	555.1	563.6	571.9	570.9	569.7
7.5°	431.2	434.6	438.0	441.2	444.6	455.3	465.9	474.9	483.9	482.7	481.3
10°	336.7	343.8	351.0	358.1	365.1	373.9	382.4	389.9	397.4	410.1	422.5
12.5°	302.5	313.4	324.3	335.2	346.2	352.5	358.6	368.3	378.0	384.8	391.9
15°	274.5	284.7	294.9	305.1	315.3	315.8	316.3	326.5	336.7	342.5	348.1
17.5°	249.0	254.6	260.2	265.5	271.1	269.2	267.2	272.1	276.7	279.1	281.8
20°	219.9	223.7	227.6	231.5	235.4	238.1	240.5	243.4	246.1	243.7	241.0
22.5°	202.9	208.7	214.8	220.6	226.4	228.1	229.6	227.9	226.2	225.4	224.7
25°	189.0	196.0	203.3	210.4	217.4	220.8	224.2	225.7	226.9	224.2	221.6
27.5°	178.3	186.8	195.1	203.6	211.8	217.9	224.0	225.7	227.1	225.2	223.0
30°	170.5	179.8	189.0	198.2	207.5	216.7	225.7	233.7	241.5	240.7	240.0
32.5°	169.3	175.6	182.0	188.3	194.6	200.4	206.0	206.5	206.7	204.8	202.6
35°	164.2	168.4	172.5	176.6	180.7	184.4	187.8	187.3	186.8	184.9	182.9
37.5°	159.6	163.7	168.1	172.2	176.4	182.7	188.8	187.5	186.1	184.1	182.2
40°	158.9	163.5	168.1	172.5	177.1	182.9	188.8	187.5	186.3	183.9	181.5
42.5°	157.2	161.8	166.2	170.8	175.2	182.2	189.0	186.8	184.4	182.4	180.5
45°	152.8	156.9	161.1	165.2	169.3	176.9	184.4	181.7	179.0	178.3	177.3
47.5°	147.0	151.1	155.2	159.4	163.5	171.0	178.3	176.1	173.7	173.5	173.0
50°	140.7	144.5	148.7	152.6	156.4	164.0	171.3	169.3	167.4	167.6	167.6
52.5°	134.8	138.5	141.9	145.5	148.9	156.4	163.7	162.3	160.6	161.1	161.3
55°	129.2	132.2	135.1	138.0	140.9	148.2	155.5	153.3	151.1	151.8	152.6
57.5°	123.2	125.6	128.0	130.2	132.6	139.9	147.0	144.5	141.9	143.1	144.1
60°	116.4	118.6	120.7	122.7	124.9	131.4	137.7	135.6	133.1	134.8	136.3
62.5°	109.3	111.0	112.7	114.4	116.1	122.2	128.3	126.6	124.9	126.8	128.5
65°	102.0	103.2	104.7	105.9	107.1	113.0	118.6	117.3	116.1	117.8	119.5
67.5°	94.0	95.0	96.2	97.2	98.1	103.5	108.8	107.6	106.2	107.6	108.8
70°	85.3	86.2	87.0	87.9	88.7	93.5	98.4	96.7	94.7	96.2	97.4
72.5°	76.5	77.0	77.7	78.2	78.7	82.4	86.0	84.5	83.1	84.5	85.8
75°	66.1	66.6	67.0	67.5	68.0	71.2	74.1	72.4	70.5	71.9	73.4
77.5°	55.4	55.6	56.1	56.4	56.6	58.8	60.7	59.0	57.1	58.8	60.5
80°	43.0	43.2	43.5	43.5	43.7	44.5	45.2	44.0	42.5	44.7	46.9
82.5°	31.6	31.3	31.3	31.1	30.9	30.9	30.6	29.9	28.9	30.9	32.8
85°	18.2	18.0	17.5	17.2	16.8	16.0	15.3	15.1	14.8	16.5	18.2
87.5°	1.9	1.7	1.2	1.0	0.5	0.2	0.0	0.0	0.0	1.0	2.2
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: P596576  
 CATALOG NUMBER: MSA-SA2A-827-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: P596576  
 CATALOG NUMBER: MSA-SA2A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9
2.5°	538.6	534.7	531.1	527.4	523.8	520.1	526.9	533.7	540.5	547.3	553.4
5°	568.7	567.5	564.3	561.4	558.3	555.1	556.8	558.7	560.5	562.2	565.8
7.5°	480.0	478.6	485.4	491.9	498.7	505.3	507.0	508.5	510.2	511.6	510.6
10°	435.1	447.5	450.6	453.6	456.7	459.6	464.5	469.3	474.0	478.8	481.5
12.5°	398.7	405.5	416.6	428.1	439.2	450.4	457.7	465.0	472.3	479.6	494.6
15°	354.0	359.5	368.0	376.5	385.1	393.6	404.0	414.7	425.1	435.6	452.1
17.5°	284.2	286.7	293.0	299.3	305.4	311.7	325.8	339.6	353.7	367.6	386.5
20°	238.6	235.9	235.9	236.1	236.1	236.1	250.2	264.1	278.2	292.0	317.0
22.5°	223.7	223.0	220.3	217.4	214.8	211.8	219.1	226.7	233.9	241.2	261.6
25°	218.6	216.0	212.6	209.2	205.8	202.4	207.0	211.6	216.2	220.8	236.9
27.5°	221.1	218.9	220.6	222.0	223.7	225.2	226.7	228.1	229.6	231.0	236.6
30°	239.3	238.6	241.2	243.7	246.3	248.8	245.4	242.2	238.8	235.4	237.3
32.5°	200.7	198.5	197.5	196.5	195.6	194.6	194.3	194.1	193.6	193.4	197.7
35°	181.0	179.0	177.6	176.1	174.4	173.0	173.7	174.2	174.9	175.4	180.3
37.5°	180.3	178.3	176.6	174.9	173.0	171.3	172.0	173.0	173.7	174.4	178.1
40°	179.0	176.6	175.6	174.7	173.7	172.7	173.2	173.7	173.9	174.4	177.1
42.5°	178.3	176.4	175.9	175.4	174.9	174.4	174.9	175.4	175.6	176.1	179.3
45°	176.6	175.6	176.1	176.6	177.1	177.6	177.6	177.6	177.6	177.6	181.0
47.5°	172.7	172.2	173.7	175.2	176.6	178.1	180.5	182.9	185.1	187.5	188.3
50°	167.9	167.9	170.3	172.7	174.9	177.3	183.2	188.8	194.6	200.2	196.5
52.5°	161.8	162.0	165.7	169.1	172.7	176.1	181.5	186.8	191.9	197.3	191.9
55°	153.0	153.8	158.4	162.8	167.4	171.8	175.9	180.0	184.1	188.3	182.7
57.5°	145.3	146.2	151.1	155.7	160.6	165.2	167.6	170.3	172.7	175.2	171.5
60°	138.0	139.4	145.8	152.1	158.2	164.5	162.5	160.6	158.4	156.4	156.2
62.5°	130.5	132.2	138.0	143.8	149.4	155.2	152.3	149.4	146.2	143.3	144.5
65°	121.0	122.7	125.4	128.0	130.5	133.1	132.9	132.9	132.6	132.4	134.8
67.5°	110.3	111.5	113.2	114.7	116.4	117.8	118.8	120.0	121.0	122.0	124.9
70°	98.9	100.1	101.8	103.2	104.9	106.4	107.6	108.8	109.8	111.0	113.9
72.5°	87.2	88.4	90.1	91.8	93.3	95.0	96.0	96.9	97.7	98.6	101.1
75°	74.8	76.3	78.0	79.4	81.1	82.6	83.3	84.1	84.8	85.5	87.7
77.5°	62.2	63.9	65.6	67.3	69.0	70.7	70.9	71.2	71.4	71.7	73.6
80°	48.8	51.0	52.7	54.4	56.1	57.8	57.8	57.8	57.8	57.8	58.8
82.5°	34.7	36.7	38.6	40.3	42.3	44.0	44.0	43.7	43.7	43.5	43.5
85°	19.9	21.6	22.8	24.3	25.5	26.7	26.7	26.7	26.5	26.5	26.0
87.5°	3.2	4.1	4.6	5.3	5.8	6.3	6.1	6.1	5.8	5.6	4.9
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: P596576  
 CATALOG NUMBER: MSA-SA2A-827-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: P596576  
 CATALOG NUMBER: MSA-SA2A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9
2.5°	559.5	565.6	571.6	570.7	569.7	568.7	567.7	571.4	574.8	578.4	581.8
5°	569.2	572.8	576.2	578.9	581.6	584.3	586.9	599.3	611.5	623.9	636.0
7.5°	509.7	508.5	507.5	518.9	530.6	542.0	553.4	569.2	585.0	600.8	616.6
10°	484.2	486.8	489.5	494.1	499.0	503.6	508.2	523.8	539.3	554.9	570.4
12.5°	509.4	524.5	539.3	543.0	546.8	550.5	554.1	557.3	560.5	563.4	566.5
15°	468.6	485.1	501.7	511.1	520.6	529.8	539.3	563.1	586.7	610.5	634.1
17.5°	405.2	424.2	442.9	466.2	489.5	512.8	536.2	558.0	579.9	601.5	623.4
20°	342.1	366.8	391.9	417.4	442.6	468.1	493.4	514.8	536.2	557.3	578.7
22.5°	281.8	302.2	322.4	353.5	384.3	415.4	446.3	486.1	525.7	565.6	605.2
25°	252.7	268.7	284.5	316.5	348.6	380.4	412.5	464.2	515.8	567.5	619.0
27.5°	242.4	248.0	253.6	282.8	311.7	340.8	369.7	425.6	481.5	537.1	593.0
30°	239.3	241.2	243.2	266.0	288.8	311.7	334.5	389.7	445.1	500.2	555.3
32.5°	201.9	206.3	210.4	232.7	254.8	277.2	299.3	354.9	410.3	465.9	521.3
35°	185.1	190.0	194.8	216.7	238.6	260.2	282.0	340.6	399.4	457.9	516.5
37.5°	181.7	185.4	189.0	213.8	238.6	263.3	288.1	347.4	406.7	465.9	525.2
40°	180.0	182.7	185.4	209.4	233.7	257.8	281.8	344.0	405.9	468.1	530.1
42.5°	182.2	185.4	188.3	210.1	231.8	253.6	275.2	339.6	403.8	468.1	532.3
45°	184.1	187.5	190.7	211.1	231.5	251.9	272.3	341.1	409.6	478.3	546.8
47.5°	188.8	189.5	190.0	207.7	225.2	242.9	260.4	330.4	400.4	470.1	540.0
50°	192.6	189.0	185.1	203.6	221.8	240.3	258.5	324.8	391.1	457.2	523.5
52.5°	186.6	181.0	175.6	195.6	215.5	235.2	255.1	321.4	388.0	454.3	520.6
55°	177.3	171.8	166.2	186.3	206.5	226.7	246.8	312.9	379.2	445.3	511.4
57.5°	168.1	164.5	160.8	177.3	194.1	210.6	227.1	298.8	370.2	441.9	513.3
60°	156.0	155.5	155.2	168.1	181.2	194.1	207.0	277.2	347.2	417.4	487.3
62.5°	145.5	146.7	147.7	158.2	168.6	178.8	189.2	257.0	325.0	392.8	460.6
65°	137.5	139.9	142.4	154.3	166.2	177.8	189.7	246.6	303.4	360.3	417.1
67.5°	127.8	130.7	133.6	149.2	164.7	180.3	195.8	242.7	289.6	336.5	383.4
70°	116.6	119.5	122.2	142.1	161.8	181.7	201.4	242.9	284.7	326.3	367.8
72.5°	103.5	105.9	108.3	129.7	151.1	172.5	193.9	229.1	264.3	299.3	334.5
75°	90.1	92.3	94.5	113.0	131.4	149.9	168.4	195.6	222.5	249.7	276.7
77.5°	75.3	77.3	79.0	91.3	103.7	116.1	128.5	149.4	170.1	190.9	211.6
80°	59.8	60.7	61.7	69.0	76.0	83.3	90.4	104.2	118.1	131.7	145.5
82.5°	43.7	43.7	43.7	48.3	53.2	57.8	62.4	69.5	76.3	83.3	90.1
85°	25.5	24.8	24.3	27.5	30.6	33.8	36.9	39.8	42.8	45.7	48.6
87.5°	4.1	3.2	2.4	4.4	6.3	8.3	10.2	11.2	12.4	13.4	14.3
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: P596576  
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**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P596576

CATALOG NUMBER: MSA-SA2A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9
2.5°	573.6	565.6	557.3	549.0	561.2	573.3	585.5	597.6	629.9	649.1	650.3
5°	646.2	656.4	666.6	676.8	687.0	697.2	707.2	717.4	769.9	802.2	808.2
7.5°	633.3	650.3	667.1	683.9	712.8	741.7	770.6	799.5	844.0	876.0	897.2
10°	591.3	612.2	633.1	654.0	688.2	722.7	757.0	791.2	838.4	880.6	900.8
12.5°	599.8	633.1	666.1	699.4	729.0	758.9	788.6	818.2	850.8	866.8	903.5
15°	657.1	680.2	703.3	726.4	771.1	815.5	860.2	904.7	923.2	959.8	992.9
17.5°	665.9	708.2	750.7	792.9	847.6	902.3	956.9	1011.6	1045.8	1093.2	1133.0
20°	638.7	698.4	758.4	818.2	888.7	959.3	1029.8	1100.3	1143.7	1183.6	1245.3
22.5°	671.2	737.3	803.1	869.2	962.8	1056.0	1149.6	1242.9	1333.7	1422.6	1464.4
25°	707.2	795.6	883.8	972.0	1088.8	1205.4	1322.3	1438.9	1555.8	1639.1	1687.2
27.5°	681.9	770.6	859.5	948.2	1092.7	1237.5	1382.1	1526.6	1651.7	1752.0	1793.3
30°	664.2	773.0	881.9	990.7	1160.3	1329.8	1499.4	1669.0	1784.6	1896.6	1957.3
32.5°	661.0	800.7	940.2	1079.8	1277.4	1474.6	1672.1	1869.4	1946.1	2045.5	2127.4
35°	669.8	823.3	976.6	1129.9	1356.3	1582.7	1808.9	2035.3	2144.4	2242.8	2314.4
37.5°	696.5	867.8	1038.8	1210.1	1482.9	1755.9	2028.7	2301.6	2484.5	2664.5	2696.6
40°	711.6	893.3	1074.7	1256.2	1573.5	1890.8	2208.0	2525.3	2735.7	2933.2	2946.6
42.5°	729.3	926.3	1123.1	1320.1	1671.9	2023.9	2375.7	2727.4	2987.9	3200.2	3206.5
45°	749.7	952.3	1155.2	1357.8	1725.1	2092.2	2459.5	2826.5	3141.4	3399.4	3336.5
47.5°	757.7	975.6	1193.3	1411.0	1802.6	2193.9	2585.6	2976.9	3259.5	3494.1	3433.9
50°	760.9	998.5	1235.8	1473.2	1878.9	2284.8	2690.5	3096.2	3383.6	3612.4	3520.1
52.5°	780.5	1040.5	1300.4	1560.4	1983.1	2405.8	2828.5	3251.2	3534.0	3753.8	3639.2
55°	807.0	1102.7	1398.1	1693.7	2131.3	2568.5	3006.1	3443.4	3727.1	3931.7	3789.5
57.5°	831.6	1150.1	1468.3	1786.5	2239.9	2693.4	3146.7	3600.0	3887.4	4089.8	3952.1
60°	819.7	1152.0	1484.3	1816.7	2262.2	2707.5	3153.0	3598.3	3924.6	4167.3	4096.9
62.5°	783.7	1106.8	1429.7	1752.8	2175.7	2598.4	3021.4	3444.1	3826.0	4137.2	4134.0
65°	714.5	1011.8	1308.9	1606.3	1997.7	2389.3	2780.6	3172.0	3622.2	4000.2	4024.7
67.5°	630.2	877.0	1123.8	1370.6	1739.2	2107.7	2476.2	2844.8	3326.0	3743.1	3764.3
70°	548.5	729.5	910.3	1091.0	1414.6	1738.2	2061.5	2385.1	2871.2	3293.2	3312.7
72.5°	452.8	571.1	689.2	807.5	1069.6	1331.8	1593.7	1855.8	2282.6	2607.2	2716.7
75°	346.9	417.1	487.3	557.5	769.6	981.7	1193.5	1405.6	1689.4	1928.9	2052.3
77.5°	248.0	284.5	320.9	357.4	537.6	717.9	897.9	1078.1	1227.3	1363.1	1446.4
80°	162.8	179.8	197.0	214.0	363.9	513.8	663.5	813.3	904.2	977.1	1019.1
82.5°	98.6	107.1	115.4	123.9	245.4	366.8	488.1	609.5	661.5	696.3	733.7
85°	53.2	57.8	62.4	67.0	145.0	222.8	300.8	378.5	383.6	387.7	443.4
87.5°	15.5	17.0	18.2	19.4	32.1	44.9	57.6	70.2	43.7	27.2	55.9
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: P596576  
 CATALOG NUMBER: MSA-SA2A-827-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: P596576

CATALOG NUMBER: MSA-SA2A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9
2.5°	643.3	640.1	637.0	633.6	630.4	617.1	603.9	590.6	577.2	590.1	602.7
5°	801.2	810.9	820.4	830.1	839.8	840.6	841.0	841.8	842.3	844.7	847.1
7.5°	914.9	932.1	949.1	966.4	983.6	997.0	1010.4	1024.0	1037.3	1025.2	1013.0
10°	924.6	961.0	997.5	1033.9	1070.4	1076.9	1083.2	1089.8	1096.4	1105.1	1113.6
12.5°	934.3	978.8	1023.0	1067.5	1111.9	1131.3	1150.5	1170.0	1189.2	1198.6	1207.9
15°	1037.1	1063.3	1089.3	1115.6	1141.6	1154.9	1168.0	1181.4	1194.8	1202.8	1210.5
17.5°	1169.2	1179.0	1188.4	1198.2	1207.9	1216.9	1225.8	1234.8	1243.8	1245.3	1246.7
20°	1289.7	1291.7	1293.4	1295.3	1297.0	1278.1	1259.4	1240.4	1221.5	1224.9	1228.0
22.5°	1470.5	1459.8	1449.3	1438.7	1428.2	1392.5	1357.0	1321.3	1285.9	1270.5	1255.5
25°	1742.6	1715.4	1688.2	1660.9	1633.7	1576.9	1520.3	1463.4	1406.8	1373.6	1340.5
27.5°	1830.3	1771.0	1712.0	1652.7	1593.4	1550.4	1507.7	1464.7	1421.9	1369.2	1316.5
30°	2007.6	1914.1	1820.8	1727.3	1633.7	1592.2	1550.7	1508.9	1467.3	1413.4	1359.7
32.5°	2164.8	2067.6	1970.4	1873.0	1775.9	1697.1	1618.4	1539.7	1461.0	1424.6	1388.1
35°	2346.7	2224.6	2102.4	1980.2	1858.0	1790.4	1723.1	1655.6	1588.3	1533.2	1478.3
37.5°	2611.8	2481.8	2351.9	2221.6	2091.7	2000.3	1909.2	1817.9	1726.8	1696.4	1666.3
40°	2864.4	2710.9	2557.6	2404.1	2250.8	2180.8	2110.9	2040.7	1970.7	1919.4	1868.2
42.5°	3076.0	2924.2	2772.6	2620.8	2469.2	2418.2	2367.4	2316.4	2265.6	2223.3	2181.1
45°	3148.7	3024.8	2901.1	2777.2	2653.3	2635.4	2617.6	2599.6	2581.9	2550.6	2519.2
47.5°	3265.5	3139.2	3013.1	2886.8	2760.5	2767.0	2773.6	2780.4	2786.9	2788.6	2790.1
50°	3334.3	3214.3	3094.5	2974.5	2854.7	2886.5	2918.1	2950.0	2981.8	3053.9	3125.8
52.5°	3434.6	3316.8	3199.2	3081.4	2963.6	3017.5	3071.2	3125.1	3178.8	3279.9	3380.9
55°	3560.5	3447.7	3335.3	3222.5	3110.0	3162.5	3214.8	3267.2	3319.5	3431.9	3544.4
57.5°	3727.3	3606.6	3486.1	3365.4	3244.9	3293.2	3341.3	3389.7	3437.8	3544.7	3651.6
60°	3917.3	3786.1	3655.0	3523.5	3392.3	3405.7	3418.8	3432.2	3445.3	3561.2	3676.8
62.5°	4010.6	3889.1	3767.9	3646.4	3525.0	3487.8	3450.6	3413.2	3376.1	3479.8	3583.3
65°	3929.7	3846.1	3762.8	3679.2	3595.7	3530.1	3464.7	3399.1	3333.5	3398.4	3463.0
67.5°	3672.2	3624.8	3577.7	3530.3	3483.0	3372.9	3262.9	3152.6	3042.5	3046.9	3051.0
70°	3254.8	3242.2	3229.8	3217.2	3204.6	3039.1	2873.9	2708.5	2543.0	2517.8	2492.5
72.5°	2726.0	2734.2	2742.2	2750.5	2758.8	2580.9	2403.1	2225.3	2047.5	2005.4	1963.4
75°	2111.3	2157.0	2202.7	2248.6	2294.3	2124.2	1954.2	1783.9	1613.8	1562.1	1510.3
77.5°	1491.9	1577.1	1662.2	1747.4	1832.7	1678.9	1525.4	1371.6	1217.8	1184.3	1150.8
80°	1040.2	1082.0	1123.8	1165.6	1207.4	1130.1	1052.9	975.6	898.4	907.6	916.6
82.5°	757.7	767.4	776.9	786.6	796.3	764.8	733.2	701.4	669.8	693.8	717.9
85°	485.4	520.1	554.6	589.4	623.9	588.9	553.9	518.7	483.7	499.7	515.8
87.5°	108.6	171.8	234.9	298.3	361.5	327.5	293.7	259.7	225.7	210.4	195.3
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: P596576  
 CATALOG NUMBER: MSA-SA2A-827-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: P596576

CATALOG NUMBER: MSA-SA2A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9
2.5°	615.6	628.5	624.6	620.9	617.1	613.2	620.2	627.3	634.5	641.6	639.2
5°	849.8	852.2	829.1	806.3	783.2	760.1	774.5	788.8	803.1	817.5	812.4
7.5°	1000.9	988.7	975.4	962.0	948.4	935.1	932.1	929.2	926.1	923.2	919.3
10°	1122.4	1130.9	1122.1	1113.6	1104.9	1096.1	1075.7	1055.3	1034.7	1014.3	1005.7
12.5°	1217.3	1226.8	1229.0	1230.9	1233.1	1235.3	1212.5	1189.9	1167.1	1144.2	1123.6
15°	1218.6	1226.6	1233.6	1240.4	1247.5	1254.3	1240.2	1226.3	1212.2	1198.2	1191.6
17.5°	1248.4	1249.9	1244.1	1238.5	1232.7	1227.1	1221.5	1216.1	1210.5	1205.2	1194.8
20°	1231.4	1234.8	1234.1	1233.4	1232.4	1231.7	1232.2	1232.4	1232.9	1233.1	1227.3
22.5°	1240.2	1224.9	1228.0	1230.9	1234.1	1237.0	1245.8	1254.5	1263.5	1272.2	1295.6
25°	1307.2	1273.9	1268.8	1264.0	1258.9	1254.0	1276.9	1299.5	1322.3	1345.1	1383.0
27.5°	1263.5	1210.8	1199.1	1187.5	1175.8	1164.1	1198.9	1233.4	1268.1	1302.9	1341.5
30°	1305.8	1252.1	1226.3	1200.6	1174.6	1148.8	1182.1	1215.2	1248.4	1281.5	1324.2
32.5°	1351.7	1315.2	1298.0	1281.0	1263.7	1246.7	1249.4	1252.1	1254.8	1257.4	1317.7
35°	1423.1	1368.0	1351.0	1334.0	1316.9	1299.9	1328.4	1356.5	1385.0	1413.2	1464.2
37.5°	1635.9	1605.6	1574.9	1544.3	1513.5	1482.9	1499.6	1516.4	1533.2	1549.9	1598.0
40°	1816.9	1765.6	1760.5	1755.7	1750.6	1745.5	1746.9	1748.2	1749.6	1751.1	1792.1
42.5°	2138.6	2096.3	2070.3	2044.3	2018.3	1992.3	1990.6	1988.9	1987.0	1985.3	2016.1
45°	2487.7	2456.3	2436.9	2417.4	2397.8	2378.3	2347.5	2316.6	2285.5	2254.7	2281.6
47.5°	2791.8	2793.5	2828.7	2863.7	2898.9	2934.2	2881.4	2828.7	2776.0	2723.3	2688.6
50°	3198.0	3269.9	3278.4	3286.7	3295.2	3303.7	3214.3	3125.1	3035.7	2946.3	2909.9
52.5°	3482.2	3583.3	3570.2	3557.3	3544.2	3531.1	3479.3	3427.8	3376.1	3324.3	3244.9
55°	3657.1	3769.6	3759.7	3749.9	3740.0	3730.0	3692.4	3654.7	3617.1	3579.4	3492.2
57.5°	3758.4	3865.3	3868.2	3871.2	3874.1	3877.0	3867.0	3857.1	3847.1	3837.2	3723.7
60°	3792.7	3908.6	3909.8	3910.8	3912.0	3912.9	3897.2	3881.4	3865.3	3849.5	3775.4
62.5°	3687.0	3790.5	3795.1	3799.5	3804.1	3808.7	3797.8	3786.9	3775.9	3765.0	3710.1
65°	3527.9	3592.8	3594.0	3594.9	3596.2	3597.4	3569.7	3542.2	3514.5	3486.8	3473.7
67.5°	3055.4	3059.8	3085.5	3111.3	3137.0	3162.8	3165.0	3167.1	3169.6	3171.8	3152.8
70°	2467.2	2442.0	2469.9	2497.9	2525.8	2553.7	2565.6	2577.5	2589.7	2601.6	2610.3
72.5°	1921.1	1879.1	1899.7	1920.4	1941.3	1961.9	1944.2	1926.5	1908.7	1891.0	1947.1
75°	1458.6	1406.8	1404.2	1401.7	1399.1	1396.6	1387.6	1378.7	1369.4	1360.4	1412.9
77.5°	1117.0	1083.5	1085.2	1086.6	1088.3	1089.8	1080.6	1071.6	1062.4	1053.1	1073.3
80°	925.8	934.8	935.1	935.3	935.5	935.8	927.0	918.5	909.8	901.0	886.5
82.5°	742.2	766.2	766.0	766.0	765.7	765.5	765.0	764.5	763.8	763.3	739.5
85°	531.8	547.8	531.3	514.8	498.3	481.7	493.9	506.0	518.4	530.6	520.6
87.5°	180.0	165.0	145.3	125.8	106.2	86.5	107.6	128.8	150.1	171.3	183.4
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: P596576  
 CATALOG NUMBER: MSA-SA2A-827-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: P596576

CATALOG NUMBER: MSA-SA2A-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9	527.9
2.5°	637.0	634.5	632.4	617.1	601.5	586.2	570.7	598.8	627.3	655.4	683.6
5°	807.5	802.4	797.6	796.3	795.1	793.7	792.5	806.8	821.1	835.2	849.5
7.5°	915.4	911.5	907.6	897.4	887.4	877.2	867.0	875.8	884.3	893.0	901.5
10°	997.5	989.0	980.5	958.4	936.5	914.4	892.3	885.7	879.2	872.6	866.1
12.5°	1102.9	1082.0	1061.4	1036.4	1011.1	986.1	960.8	957.4	954.0	950.8	947.4
15°	1185.3	1178.7	1172.2	1152.2	1132.3	1112.4	1092.5	1065.8	1038.8	1012.1	985.3
17.5°	1184.5	1174.1	1163.9	1190.6	1217.1	1243.8	1270.3	1241.9	1213.2	1184.8	1156.4
20°	1221.5	1215.4	1209.6	1258.9	1308.0	1357.3	1406.3	1390.8	1375.0	1359.5	1343.7
22.5°	1318.6	1342.0	1365.0	1407.3	1449.3	1491.6	1533.6	1551.4	1569.1	1586.8	1604.6
25°	1420.7	1458.6	1496.5	1559.4	1622.1	1685.0	1747.9	1760.5	1773.2	1785.8	1798.4
27.5°	1379.9	1418.5	1457.1	1504.7	1552.1	1599.7	1647.1	1702.5	1758.1	1813.5	1868.9
30°	1366.8	1409.5	1452.0	1517.4	1582.5	1647.8	1713.2	1789.5	1865.7	1941.8	2018.1
32.5°	1377.7	1437.9	1498.2	1586.6	1674.8	1763.2	1851.6	1931.8	2012.2	2092.4	2172.6
35°	1514.9	1566.0	1616.7	1715.6	1814.5	1913.4	2012.2	2106.2	2200.3	2294.0	2388.0
37.5°	1645.9	1694.0	1742.1	1843.1	1944.0	2045.0	2146.1	2294.5	2443.2	2591.6	2740.1
40°	1832.9	1874.0	1914.8	2001.3	2087.8	2174.3	2260.8	2439.8	2618.8	2797.9	2976.9
42.5°	2046.7	2077.6	2108.2	2197.8	2287.5	2377.1	2466.8	2661.6	2856.7	3051.5	3246.3
45°	2308.4	2335.3	2362.3	2424.0	2485.7	2547.7	2609.4	2810.3	3011.2	3212.1	3413.0
47.5°	2653.8	2619.1	2584.3	2614.7	2645.1	2675.4	2705.8	2904.5	3103.2	3301.7	3500.4
50°	2873.4	2837.0	2800.6	2803.2	2805.7	2808.3	2811.0	2996.4	3181.7	3366.8	3552.2
52.5°	3165.4	3085.8	3006.3	3005.6	3004.9	3003.9	3003.2	3164.7	3326.5	3488.1	3649.6
55°	3405.0	3317.8	3230.5	3213.5	3196.5	3179.3	3162.3	3322.1	3481.7	3641.6	3801.2
57.5°	3610.3	3496.6	3383.1	3356.4	3329.7	3302.9	3276.2	3448.5	3620.9	3793.2	3965.4
60°	3701.6	3627.5	3553.6	3520.9	3488.1	3455.3	3422.5	3569.2	3715.9	3862.4	4009.2
62.5°	3655.4	3600.5	3545.9	3553.4	3560.9	3568.5	3576.0	3659.8	3743.9	3827.7	3911.5
65°	3460.8	3447.7	3434.9	3495.6	3556.3	3617.1	3677.8	3679.0	3680.2	3681.4	3682.6
67.5°	3133.9	3114.9	3096.0	3222.3	3348.4	3474.7	3601.0	3541.0	3481.0	3421.2	3361.2
70°	2618.8	2627.6	2636.1	2808.1	2979.8	3151.8	3323.8	3236.9	3149.6	3062.7	2975.5
72.5°	2003.2	2059.6	2115.7	2294.0	2472.3	2650.7	2829.0	2729.6	2630.0	2530.7	2431.0
75°	1465.4	1517.9	1570.3	1746.5	1922.6	2099.0	2275.1	2157.0	2039.0	1921.1	1803.1
77.5°	1093.4	1113.9	1134.0	1280.5	1426.8	1573.2	1719.5	1600.9	1482.4	1364.1	1245.5
80°	872.1	857.6	843.2	924.4	1005.5	1086.6	1167.8	1083.7	999.4	915.4	831.3
82.5°	715.9	692.1	668.6	698.7	728.8	759.2	789.3	722.0	654.7	587.4	520.1
85°	510.6	500.7	490.7	499.5	508.0	516.7	525.5	459.9	394.3	328.9	263.3
87.5°	195.3	207.5	219.6	233.5	247.1	260.9	274.5	215.0	155.5	96.2	36.7
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



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	527.9	527.9
2.5°	695.3	706.9
5°	849.3	849.1
7.5°	897.6	893.5
10°	855.4	844.7
12.5°	915.9	884.0
15°	953.8	921.9
17.5°	1108.5	1060.4
20°	1286.6	1229.2
22.5°	1517.4	1430.2
25°	1694.2	1589.8
27.5°	1806.9	1744.8
30°	1946.9	1875.7
32.5°	2120.1	2067.4
35°	2339.9	2291.6
37.5°	2725.0	2709.7
40°	2958.7	2940.2
42.5°	3247.1	3247.6
45°	3423.9	3434.9
47.5°	3528.1	3555.6
50°	3611.2	3670.0
52.5°	3730.0	3810.4
55°	3908.1	4014.7
57.5°	4056.3	4147.1
60°	4056.3	4103.2
62.5°	3910.3	3908.8
65°	3660.1	3637.2
67.5°	3332.6	3303.9
70°	2930.8	2885.8
72.5°	2375.4	2319.5
75°	1726.5	1649.8
77.5°	1209.1	1172.4
80°	849.1	866.8
82.5°	545.4	570.7
85°	259.5	255.6
87.5°	30.6	24.5
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: P596576  
CATALOG NUMBER: MSA-SA2A-827-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)