

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: P596620

Luminaire Tested: **MSA-SA2C-827-U-SLR**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P596620
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-SA2C-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: 7768 lumens
Efficiency: N/A
Efficacy: 68.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G3

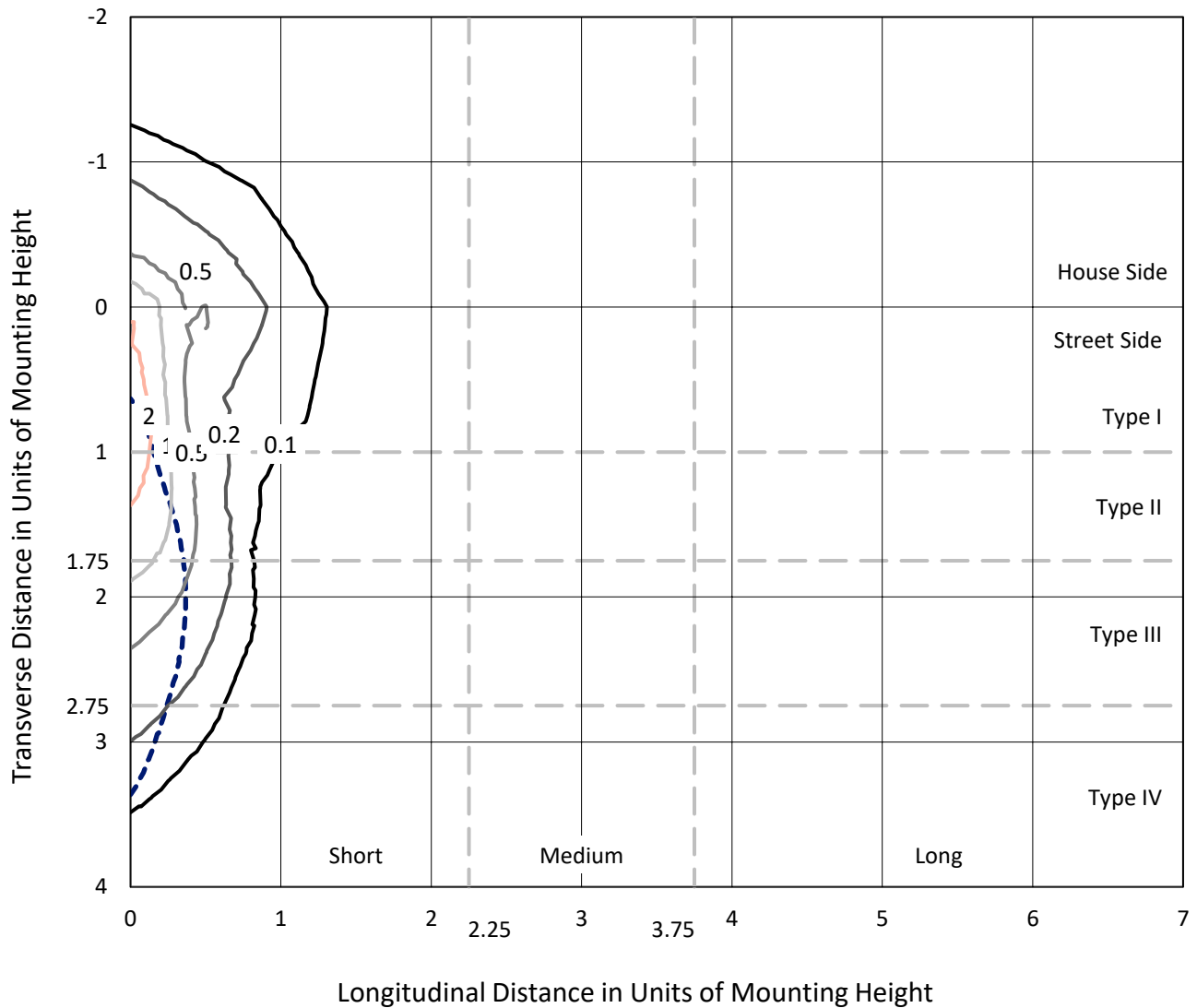
Input Watts (W): 113
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

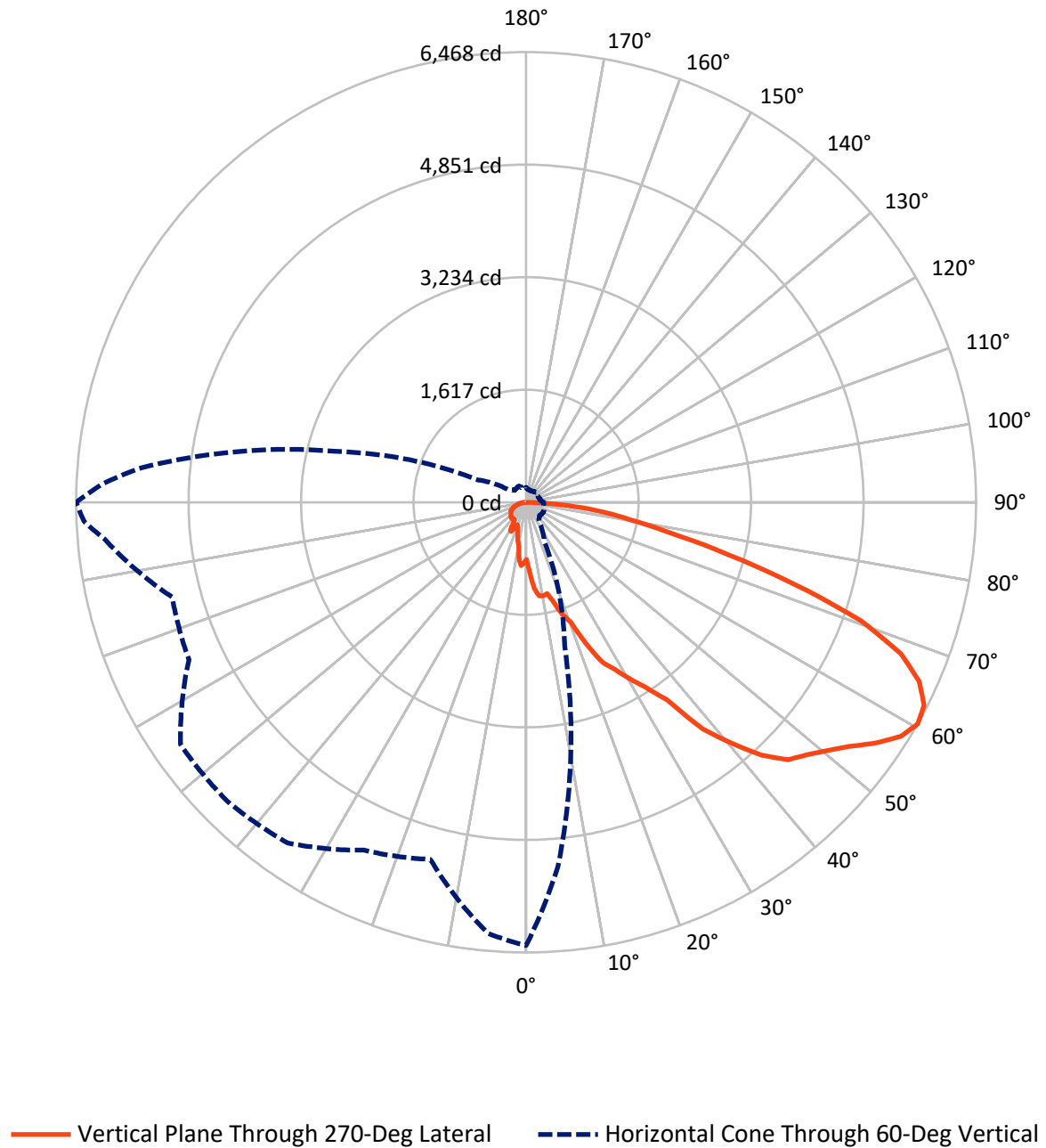
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1504.5	0.0	1504.5
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	6263.5	0.0	6263.5
	% Fixture	80.6	0.0	80.6
Total	Lumens	7768.0	0.0	7768.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.9	1.2
10°-20°	272.9	3.5
20°-30°	481.8	6.2
30°-40°	750.4	9.7
40°-50°	1235.5	15.9
50°-60°	1763.5	22.7
60°-70°	1869.9	24.1
70°-80°	1032.8	13.3
80°-90°	267.2	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°	7768.0	100.0
0°-180°	7768.0	100.0

Coefficient of Utilization



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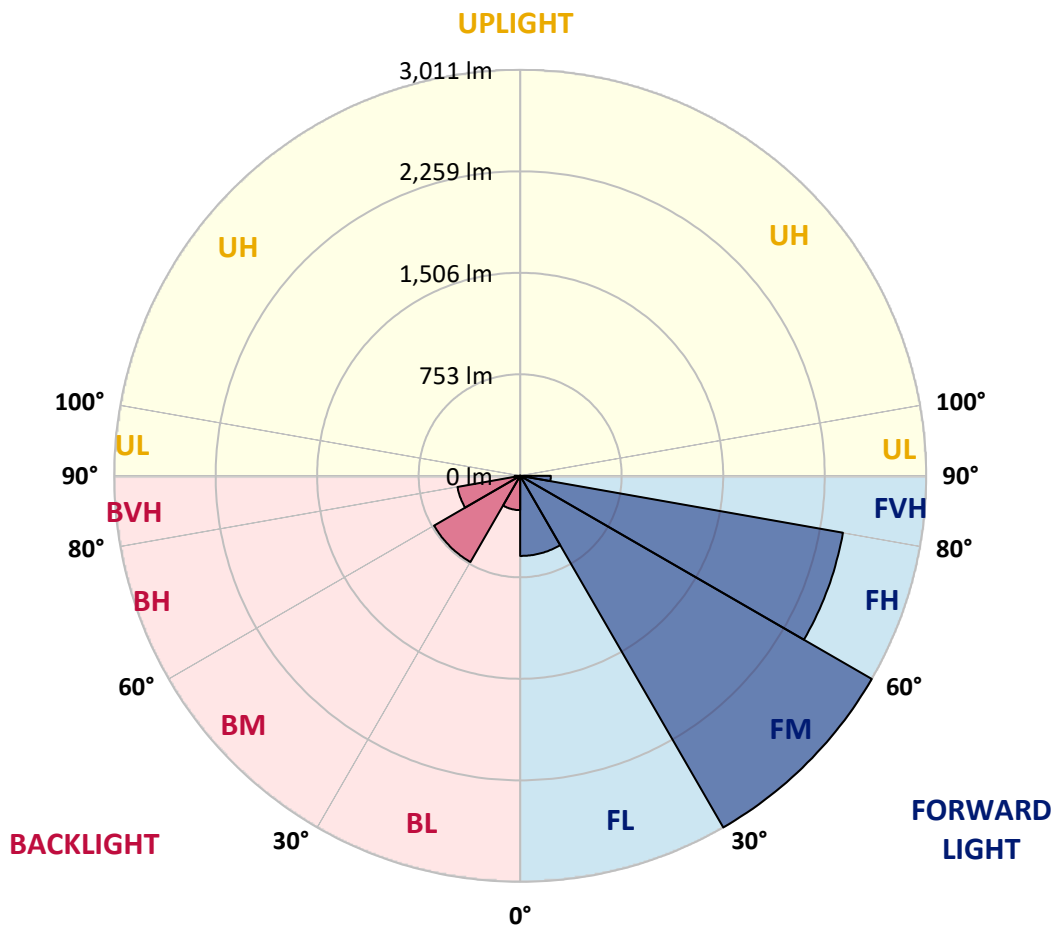
CATALOG NUMBER: MSA-SA2C-827-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	594.4	7.7			
FM (30°-60°)	3011.4	38.8			
FH (60°-80°)	2430.6	31.3			G2/5000
FVH (80°-90°)	227.1	2.9			G3/500
BL (0°-30°)	254.3	3.3	B1/500		
BM (30°-60°)	738.0	9.5	B1/1000		
BH (60°-80°)	472.1	6.1	B1/500		G1/500
BVH (80°-90°)	40.1	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-G3

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°	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3
2.5°	1097.2	1104.0	1110.4	1097.6	1084.8	1071.6	1058.7	1039.5	1019.9	1000.7	981.1
5°	1317.8	1292.9	1267.6	1257.4	1247.6	1237.5	1227.3	1217.9	1208.4	1198.6	1189.2
7.5°	1386.8	1351.3	1315.5	1300.4	1285.4	1269.9	1254.8	1220.9	1186.9	1152.6	1118.7
10°	1311.0	1274.0	1236.7	1222.0	1206.9	1192.2	1177.1	1135.7	1094.6	1053.1	1011.6
12.5°	1372.1	1334.4	1296.3	1249.5	1202.8	1155.6	1108.9	1085.9	1062.9	1039.5	1016.5
15°	1430.9	1380.0	1328.7	1282.0	1235.2	1188.1	1141.3	1095.3	1049.3	1003.3	957.3
17.5°	1645.8	1561.0	1476.1	1391.7	1306.8	1222.4	1137.5	1084.4	1030.8	977.7	924.1
20°	1907.9	1789.8	1671.4	1543.3	1414.7	1286.5	1157.9	1090.8	1024.1	956.9	889.8
22.5°	2219.7	2070.7	1921.8	1760.1	1598.3	1436.2	1274.4	1177.1	1079.9	982.2	884.9
25°	2467.4	2324.1	2180.8	1975.7	1770.6	1565.5	1360.4	1249.9	1139.4	1028.6	918.1
27.5°	2707.9	2479.8	2251.3	2016.4	1781.9	1547.0	1312.1	1209.9	1107.8	1005.6	903.4
30°	2911.2	2730.2	2549.2	2242.7	1936.1	1629.2	1322.7	1197.1	1071.6	946.0	820.5
32.5°	3208.7	2950.4	2691.7	2372.0	2052.3	1732.5	1412.8	1252.2	1091.5	930.9	770.3
35°	3556.7	3288.2	3019.8	2624.2	2229.1	1833.6	1438.1	1268.0	1097.6	927.5	757.1
37.5°	4205.6	3732.4	3258.8	2827.1	2395.4	1963.3	1531.6	1334.0	1136.4	938.5	740.9
40°	4563.4	4126.0	3688.6	3150.6	2612.6	2074.1	1536.1	1334.0	1131.5	929.4	726.9
42.5°	5040.4	4487.2	3933.7	3351.9	2770.5	2188.8	1607.0	1383.0	1159.0	934.7	710.7
45°	5331.1	4714.6	4097.7	3476.0	2854.2	2232.5	1610.7	1383.4	1156.0	928.7	701.3
47.5°	5518.4	4926.5	4334.1	3664.9	2995.6	2326.0	1656.7	1415.4	1173.7	932.4	690.7
50°	5696.0	5109.7	4523.0	3828.2	3133.6	2438.7	1743.8	1480.3	1216.7	952.8	689.2
52.5°	5914.0	5374.0	4833.7	4088.3	3342.5	2597.1	1851.3	1564.4	1277.4	990.5	703.6
55°	6231.1	5699.1	5166.7	4366.6	3566.1	2766.0	1965.5	1646.9	1328.7	1010.1	691.5
57.5°	6436.6	5897.0	5357.5	4541.5	3725.6	2909.3	2093.4	1740.4	1387.5	1034.2	681.3
60°	6368.3	5811.8	5254.9	4477.0	3699.2	2921.4	2143.5	1762.3	1381.5	1000.3	619.1
62.5°	6066.7	5475.1	4883.5	4186.7	3490.3	2793.5	2096.8	1709.2	1321.9	934.3	546.7
65°	5645.1	5033.6	4421.6	3793.1	3164.5	2536.0	1907.5	1555.7	1203.5	851.7	499.6
67.5°	5127.8	4490.2	3852.3	3295.8	2739.2	2182.3	1625.8	1331.7	1038.0	743.9	449.8
70°	4478.9	3852.3	3225.6	2744.1	2262.7	1781.2	1299.7	1078.4	857.4	636.1	414.8
72.5°	3600.0	3059.4	2518.7	2139.7	1760.8	1381.9	1002.9	849.1	695.7	541.8	388.0
75°	2560.5	2242.7	1924.8	1630.0	1335.1	1039.9	745.0	645.5	546.0	446.4	346.9
77.5°	1819.6	1632.2	1444.8	1213.7	982.6	751.5	520.3	461.9	403.8	345.4	286.9
80°	1345.3	1188.8	1032.4	858.2	684.0	509.8	335.6	306.9	278.6	250.0	221.3
82.5°	885.7	815.2	744.3	606.3	468.3	330.3	192.3	181.7	171.2	160.6	150.1
85°	396.7	418.9	440.8	356.3	271.5	187.0	102.2	97.3	92.4	87.5	82.6
87.5°	38.1	56.2	74.3	63.7	52.8	42.2	31.3	30.9	30.9	30.5	30.2
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



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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°	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3
2.5°	986.4	991.6	996.9	1002.2	996.5	990.9	984.8	979.2	972.0	964.9	957.3
5°	1173.4	1157.2	1141.3	1125.1	1101.0	1076.8	1052.3	1028.2	1025.2	1021.8	1018.8
7.5°	1088.9	1059.5	1029.7	999.9	962.2	924.9	887.2	849.5	838.2	826.9	815.6
10°	991.6	971.3	951.3	930.9	907.6	884.2	860.4	837.0	806.1	774.8	743.9
12.5°	983.3	950.2	916.6	883.4	869.1	854.8	840.4	826.1	799.0	771.8	744.3
15°	930.6	903.4	876.6	849.5	828.7	808.0	787.3	766.5	744.7	722.4	700.6
17.5°	893.2	862.3	831.4	800.5	776.7	753.0	728.8	705.1	678.7	651.9	625.5
20°	854.4	819.3	783.9	748.4	718.3	688.5	658.3	628.2	599.1	570.5	541.4
22.5°	838.6	792.2	745.8	699.4	667.7	635.7	604.0	572.0	545.2	518.4	491.7
25°	862.7	807.6	752.2	696.8	654.2	611.2	568.6	525.6	503.4	481.1	458.5
27.5°	834.4	765.0	696.0	626.7	581.0	535.0	489.4	443.4	440.0	436.6	432.8
30°	747.7	674.9	602.1	529.4	487.5	445.3	403.4	361.2	353.3	345.0	337.1
32.5°	696.0	621.7	547.5	473.2	435.9	398.2	360.8	323.1	314.1	305.0	296.0
35°	676.4	595.7	515.0	434.4	402.3	370.3	338.2	306.2	299.8	293.7	287.3
37.5°	660.6	580.7	500.3	420.0	389.1	358.2	326.9	296.0	291.1	286.2	281.3
40°	645.5	564.4	483.0	401.6	374.0	346.9	319.4	291.8	288.8	285.8	282.4
42.5°	631.9	553.1	473.9	395.1	370.6	346.5	322.0	297.5	294.5	291.5	288.4
45°	624.4	547.5	470.6	393.6	375.9	358.2	340.1	322.4	315.2	308.0	300.5
47.5°	618.7	546.7	474.7	402.7	384.2	365.7	347.3	328.8	322.4	316.0	309.2
50°	619.9	550.9	481.5	412.1	389.9	367.2	345.0	322.4	321.6	320.9	320.1
52.5°	630.0	556.9	483.4	409.8	385.7	361.6	337.1	312.9	317.8	322.4	327.3
55°	615.3	539.2	462.6	386.5	363.5	340.8	317.8	294.9	301.3	307.3	313.7
57.5°	598.7	516.2	433.6	351.0	333.7	316.3	298.6	281.3	288.1	295.2	302.0
60°	543.7	468.3	392.9	317.5	305.8	294.1	282.4	270.7	273.7	276.8	279.8
62.5°	483.4	419.7	356.3	292.6	283.5	274.1	265.1	255.6	255.6	256.0	256.0
65°	444.9	390.2	335.6	280.9	270.7	260.5	250.0	239.8	238.3	236.8	235.3
67.5°	406.5	363.5	320.1	276.8	262.0	247.7	233.0	218.3	216.4	214.9	213.0
70°	376.3	337.8	299.4	260.9	244.3	228.1	211.5	194.9	193.4	192.3	190.8
72.5°	351.8	316.0	279.8	243.6	226.2	208.5	191.2	173.4	172.3	171.2	169.7
75°	314.8	283.2	251.1	219.1	202.1	185.5	168.5	151.6	150.1	148.9	147.4
77.5°	260.5	233.8	207.4	180.6	167.4	154.6	141.4	128.2	127.4	126.7	125.6
80°	200.6	179.9	158.7	138.0	129.3	120.3	111.6	102.6	102.2	101.8	101.0
82.5°	137.6	125.2	112.7	100.3	93.9	87.1	80.7	73.9	74.3	74.7	75.0
85°	78.4	73.9	69.8	65.2	60.0	55.0	49.8	44.5	45.6	46.8	47.5
87.5°	28.7	27.1	25.6	24.1	21.5	19.2	16.6	14.0	14.7	15.8	16.6
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



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 CATALOG NUMBER: MSA-SA2C-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: P596620
 CATALOG NUMBER: MSA-SA2C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3
2.5°	950.2	938.8	927.5	916.2	904.9	881.5	858.5	835.2	811.8	826.1	840.8
5°	1015.4	996.2	976.5	957.3	937.7	926.8	915.8	904.9	894.0	899.6	905.7
7.5°	804.2	792.9	781.2	769.9	758.2	753.3	748.8	743.9	739.0	753.0	766.9
10°	712.6	696.8	680.9	664.7	648.9	639.5	630.0	620.6	611.2	615.0	618.7
12.5°	717.1	693.8	670.4	647.0	623.6	609.7	595.7	581.8	567.8	571.2	574.6
15°	678.3	654.2	630.0	605.9	581.8	565.6	549.0	532.8	516.2	510.5	504.5
17.5°	598.7	572.4	546.0	519.6	493.2	482.2	471.3	460.4	449.4	443.4	437.4
20°	512.4	487.9	463.4	438.9	414.4	406.8	399.3	391.4	383.8	380.1	375.9
22.5°	464.9	449.8	434.4	419.3	403.8	395.1	386.8	378.2	369.5	365.4	360.8
25°	436.2	439.3	442.7	445.7	448.7	444.9	440.8	437.0	432.8	434.4	435.5
27.5°	429.5	435.9	442.7	449.1	455.5	458.9	462.3	465.7	469.0	470.2	471.3
30°	328.8	332.2	335.2	338.6	341.6	351.0	360.5	369.5	378.9	393.6	408.7
32.5°	286.9	285.8	284.7	283.2	282.0	284.3	286.6	288.4	290.7	296.0	301.6
35°	280.9	278.3	275.2	272.6	269.6	270.7	271.9	273.0	274.1	278.3	282.4
37.5°	276.4	275.2	274.5	273.4	272.2	274.9	277.1	279.8	282.0	285.4	288.8
40°	279.4	279.0	278.6	277.9	277.5	279.0	280.5	282.0	283.5	288.1	292.6
42.5°	285.4	285.4	285.0	285.0	284.7	286.2	287.3	288.8	289.9	292.6	295.2
45°	293.3	292.6	292.2	291.5	290.7	290.3	290.3	289.9	289.6	291.1	293.0
47.5°	302.8	300.1	297.1	294.5	291.5	290.7	289.6	288.8	287.7	288.4	289.2
50°	319.4	312.2	305.4	298.2	291.1	289.2	287.3	285.4	283.5	283.2	283.2
52.5°	331.8	321.2	310.7	300.1	289.6	286.2	282.8	279.4	276.0	275.2	274.9
55°	319.7	311.8	304.3	296.4	288.4	283.5	278.3	273.4	268.1	266.9	265.8
57.5°	308.8	303.9	299.0	294.1	289.2	284.3	279.0	274.1	268.8	266.2	263.6
60°	282.8	282.8	283.2	283.2	283.2	277.9	272.6	267.3	262.0	259.4	257.1
62.5°	256.0	260.2	263.9	268.1	271.9	264.7	257.1	250.0	242.4	240.6	239.0
65°	233.8	234.9	236.4	237.5	238.7	233.0	227.4	221.7	216.0	214.9	213.4
67.5°	211.1	210.8	210.4	209.6	209.3	205.9	202.1	198.7	194.9	193.4	191.9
70°	189.3	188.9	188.5	187.8	187.4	184.4	181.4	178.3	175.3	174.2	173.1
72.5°	168.5	168.2	167.4	167.0	166.3	163.6	161.4	158.7	156.1	154.6	153.1
75°	145.9	145.2	144.4	143.7	142.9	140.6	138.4	135.7	133.5	132.0	130.5
77.5°	124.8	123.7	122.5	121.0	119.9	118.0	115.8	113.9	111.6	109.7	108.2
80°	100.7	99.9	99.2	98.0	97.3	95.4	93.5	91.2	89.4	87.1	85.2
82.5°	75.4	75.0	74.3	73.9	73.1	71.3	69.4	67.5	65.6	63.3	61.1
85°	48.6	48.3	47.9	47.5	47.1	45.6	44.5	43.0	41.5	39.2	37.3
87.5°	17.3	16.6	16.2	15.5	14.7	14.3	13.6	13.2	12.4	11.3	10.2
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: P596620
 CATALOG NUMBER: MSA-SA2C-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: P596620

CATALOG NUMBER: MSA-SA2C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3
2.5°	855.1	869.5	869.8	869.8	876.6	883.0	869.8	856.6	843.1	829.9	816.7
5°	911.3	917.0	915.5	913.6	905.3	897.0	888.3	879.6	871.0	862.3	862.7
7.5°	780.9	794.8	806.1	817.1	806.5	795.9	790.3	784.6	779.0	773.3	772.6
10°	622.1	625.9	630.4	634.6	628.2	621.4	632.7	644.0	654.9	666.2	653.8
12.5°	578.0	581.4	573.5	565.2	562.6	559.9	557.3	554.3	551.6	548.6	547.1
15°	498.8	492.8	486.8	480.4	478.8	477.0	475.1	472.8	470.9	468.7	461.9
17.5°	431.3	425.3	415.1	404.6	400.4	395.9	394.8	393.6	392.1	391.0	384.6
20°	372.1	368.0	365.4	362.3	358.2	354.0	349.9	345.8	341.2	337.1	331.0
22.5°	356.7	352.2	348.8	345.0	344.2	343.5	335.9	328.0	320.5	312.6	309.2
25°	437.0	438.1	417.4	396.3	394.4	392.5	378.9	365.0	351.4	337.5	325.8
27.5°	472.1	473.2	472.4	471.7	465.7	459.2	436.2	412.9	389.9	366.5	349.9
30°	423.4	438.1	443.8	449.4	445.3	440.8	416.6	392.9	368.8	344.6	333.7
32.5°	306.9	312.2	321.6	330.7	335.6	340.1	332.6	325.0	317.5	309.9	308.0
35°	286.2	290.3	292.2	294.1	291.1	288.1	282.4	276.8	270.7	265.1	263.9
37.5°	291.8	295.2	299.0	302.8	294.5	285.8	279.4	273.4	266.9	260.5	255.3
40°	297.1	301.6	303.9	306.2	297.9	289.6	281.7	274.1	266.2	258.3	253.0
42.5°	297.9	300.5	304.7	308.8	297.1	285.0	277.9	270.3	263.2	255.6	250.4
45°	294.5	296.0	299.8	303.5	289.9	276.0	269.6	262.8	256.4	249.6	245.1
47.5°	289.6	290.3	293.3	296.0	281.7	266.9	260.9	254.9	248.5	242.4	237.9
50°	282.8	282.4	284.7	286.6	271.9	257.1	251.1	245.5	239.4	233.4	229.6
52.5°	274.1	273.4	275.6	277.5	262.0	246.6	241.3	236.4	231.1	225.9	222.8
55°	264.3	263.2	265.1	266.9	251.9	236.4	231.9	227.0	222.5	217.6	214.9
57.5°	260.5	257.9	259.0	260.2	243.2	226.2	221.7	217.2	212.7	208.1	206.2
60°	254.5	251.9	253.0	253.8	235.7	217.2	213.0	208.5	204.4	199.8	197.9
62.5°	237.2	235.3	236.8	238.3	222.1	205.5	201.7	198.3	194.6	190.8	188.1
65°	212.3	210.8	213.8	216.8	202.9	188.9	186.6	184.4	181.7	179.5	176.8
67.5°	190.4	188.9	191.9	194.9	184.8	174.6	172.3	170.0	167.8	165.5	164.0
70°	171.9	170.8	173.4	176.1	167.4	158.7	156.5	154.6	152.3	150.1	148.9
72.5°	151.2	149.7	153.1	156.1	148.9	141.4	139.5	137.2	135.4	133.1	132.3
75°	128.9	127.4	130.5	133.1	128.2	122.9	121.0	119.1	117.3	115.4	115.0
77.5°	106.3	104.4	107.5	110.1	107.1	103.7	102.2	100.3	98.8	96.9	96.9
80°	83.0	80.7	83.0	84.8	83.7	82.6	81.4	79.9	78.8	77.3	77.7
82.5°	58.8	56.6	57.7	58.8	59.6	60.3	60.3	60.3	60.3	60.3	60.3
85°	35.1	32.8	33.2	33.6	34.7	35.8	36.2	36.6	37.0	37.3	37.7
87.5°	9.0	7.9	7.2	6.0	7.2	7.9	8.7	9.0	9.8	10.2	10.2
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: P596620
 CATALOG NUMBER: MSA-SA2C-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: P596620

CATALOG NUMBER: MSA-SA2C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3
2.5°	803.5	789.9	776.7	785.0	792.9	801.2	809.1	809.5	809.5	809.9	809.9
5°	863.4	863.8	864.2	856.3	848.7	840.8	832.9	828.7	824.6	820.1	815.9
7.5°	771.4	770.7	769.6	762.0	754.5	746.9	739.4	721.3	702.8	684.7	666.2
10°	641.0	628.5	615.7	612.7	610.1	607.0	604.0	599.1	594.6	589.7	584.8
12.5°	545.6	544.1	542.6	534.7	526.7	518.4	510.5	510.5	510.5	510.5	510.5
15°	454.7	447.9	440.8	437.0	432.8	429.1	424.9	423.0	421.2	419.3	417.4
17.5°	377.8	371.4	364.6	363.8	363.1	362.3	361.6	359.7	357.8	355.9	354.0
20°	325.0	319.0	312.9	315.2	317.5	319.4	321.6	319.7	317.8	315.6	313.7
22.5°	305.4	302.0	298.2	296.4	294.5	292.2	290.3	290.3	290.7	290.7	290.7
25°	314.5	302.8	291.1	285.4	279.8	273.7	268.1	265.8	263.9	261.7	259.4
27.5°	333.3	316.3	299.8	289.9	280.1	270.3	260.5	256.4	251.9	247.7	243.2
30°	322.4	311.4	300.1	288.8	277.5	266.2	254.9	249.6	244.3	238.7	233.4
32.5°	306.2	303.9	302.0	291.5	280.9	270.0	259.4	257.1	255.3	253.0	250.7
35°	262.4	261.3	259.8	257.1	254.5	251.9	249.2	246.2	243.2	240.2	237.2
37.5°	250.4	245.1	239.8	238.7	237.5	236.4	235.3	234.1	233.0	231.5	230.4
40°	247.7	242.4	237.2	235.3	233.4	231.1	229.2	229.6	230.4	230.8	231.1
42.5°	244.7	239.4	233.8	232.3	230.8	229.2	227.7	228.1	228.9	229.2	229.6
45°	240.9	236.4	231.9	229.2	227.0	224.3	221.7	224.0	226.2	228.1	230.4
47.5°	233.4	228.5	224.0	222.5	220.9	219.1	217.6	219.8	222.1	224.0	226.2
50°	225.5	221.7	217.6	217.2	216.8	216.0	215.7	217.2	218.7	220.2	221.7
52.5°	219.4	216.4	213.0	213.0	212.7	212.7	212.3	213.8	215.3	216.4	217.9
55°	212.7	210.0	207.4	207.8	208.5	208.9	209.3	210.8	212.7	214.2	215.7
57.5°	204.0	202.1	199.8	201.3	202.5	204.0	205.1	206.2	207.8	208.9	210.0
60°	195.7	193.8	191.5	193.0	194.9	196.4	197.9	199.1	200.2	201.3	202.5
62.5°	185.5	182.5	179.9	182.1	184.0	186.3	188.1	188.9	190.0	190.8	191.5
65°	174.6	171.9	169.3	170.8	172.3	173.4	174.9	176.1	177.2	178.3	179.5
67.5°	162.1	160.6	158.7	159.9	161.0	162.1	163.3	163.6	163.6	164.0	164.0
70°	147.4	146.3	144.8	145.5	146.7	147.4	148.2	148.2	148.2	147.8	147.8
72.5°	132.0	131.2	130.5	130.8	131.6	132.0	132.3	132.0	131.6	131.2	130.8
75°	114.6	114.2	113.9	114.2	115.0	115.4	115.8	115.4	114.6	114.2	113.5
77.5°	97.3	97.3	97.3	97.3	97.7	97.7	97.7	96.9	96.1	95.4	94.6
80°	78.0	78.4	78.8	78.8	78.8	78.8	78.8	78.0	77.3	76.2	75.4
82.5°	60.3	60.3	60.3	60.3	60.7	60.7	60.7	58.8	57.3	55.4	53.5
85°	37.7	38.1	38.1	38.5	38.8	38.8	39.2	36.6	34.3	31.7	29.0
87.5°	10.2	10.2	10.2	10.2	10.2	9.8	9.8	7.5	4.9	2.6	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: P596620
 CATALOG NUMBER: MSA-SA2C-827-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: P596620

CATALOG NUMBER: MSA-SA2C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3
2.5°	812.2	814.4	816.3	818.6	818.9	819.3	819.3	819.7	811.8	803.9	795.6
5°	821.6	826.9	832.5	837.8	836.7	835.5	834.4	833.3	831.0	829.1	826.9
7.5°	662.1	658.3	654.2	650.0	653.4	656.8	660.2	663.6	665.1	666.6	667.7
10°	575.4	565.9	556.5	547.1	541.8	536.2	530.9	525.2	524.5	524.1	523.3
12.5°	500.7	490.5	480.7	470.6	467.5	464.1	461.1	457.7	460.8	463.8	466.4
15°	413.2	409.5	405.3	401.2	404.6	408.0	411.4	414.8	417.8	420.4	423.4
17.5°	352.2	350.7	348.8	346.9	349.9	353.3	356.3	359.3	366.1	372.9	379.7
20°	312.2	311.1	309.6	308.0	306.9	305.4	304.3	302.8	312.6	322.0	331.8
22.5°	288.4	286.2	283.9	281.7	282.0	282.4	282.4	282.8	290.7	299.0	306.9
25°	258.7	257.9	257.1	256.4	258.7	260.9	262.8	265.1	272.2	279.4	286.2
27.5°	243.6	243.9	244.3	244.7	247.7	251.1	254.1	257.1	262.0	266.9	271.9
30°	235.3	237.5	239.4	241.3	242.4	243.6	244.7	245.8	250.7	255.3	260.2
32.5°	247.7	244.7	241.3	238.3	239.8	241.7	243.2	244.7	249.2	253.8	258.3
35°	236.0	234.5	233.4	231.9	233.8	235.7	237.2	239.0	243.2	247.0	251.1
37.5°	230.0	229.6	229.2	228.9	230.0	231.1	231.9	233.0	236.8	240.6	243.9
40°	229.6	227.7	226.2	224.3	225.5	226.6	227.4	228.5	233.0	237.5	242.1
42.5°	227.4	225.1	222.5	220.2	221.3	222.8	224.0	225.1	230.0	234.5	239.4
45°	227.0	223.6	219.8	216.4	217.9	219.4	220.9	222.5	226.2	230.0	233.4
47.5°	222.8	219.4	216.0	212.7	213.4	214.2	214.5	215.3	218.7	221.7	225.1
50°	219.4	216.8	214.5	211.9	210.8	210.0	208.9	207.8	210.4	213.0	215.7
52.5°	215.3	212.7	209.6	207.0	205.5	204.0	202.5	201.0	203.2	205.1	207.4
55°	212.7	209.3	206.2	202.9	201.0	199.1	197.2	195.3	196.8	197.9	199.5
57.5°	207.0	204.0	200.6	197.6	195.3	193.0	190.4	188.1	188.9	189.7	190.4
60°	199.5	196.1	193.0	189.7	187.0	184.4	181.4	178.7	179.1	179.9	180.2
62.5°	188.5	185.5	182.1	179.1	176.1	173.4	170.4	167.4	168.2	168.5	169.3
65°	176.5	173.1	170.0	166.7	164.0	161.4	158.4	155.7	156.5	157.2	157.6
67.5°	161.8	159.1	156.9	154.2	151.9	149.3	147.0	144.4	144.8	145.2	145.5
70°	145.9	143.7	141.8	139.5	137.6	135.7	133.9	132.0	132.0	132.3	132.3
72.5°	128.9	127.1	125.2	123.3	121.4	119.9	118.0	116.1	116.9	117.6	118.0
75°	111.6	110.1	108.2	106.3	104.8	103.3	101.4	99.9	100.7	101.4	101.8
77.5°	93.5	92.4	90.9	89.7	88.2	86.7	84.8	83.3	84.1	84.8	85.2
80°	74.7	73.9	72.8	72.0	70.5	69.0	67.5	66.0	66.4	66.4	66.7
82.5°	53.9	54.3	54.3	54.7	53.5	52.0	50.9	49.4	49.4	49.4	49.0
85°	30.2	31.7	32.8	33.9	32.8	31.7	30.5	29.4	29.0	29.0	28.7
87.5°	1.1	1.9	3.0	3.8	3.4	3.0	2.3	1.9	2.3	2.6	2.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596620
 CATALOG NUMBER: MSA-SA2C-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: P596620

CATALOG NUMBER: MSA-SA2C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3
2.5°	787.6	794.1	800.5	806.9	813.3	823.1	832.9	843.1	853.3	847.6	841.6
5°	824.6	828.4	832.5	836.3	840.1	851.0	861.6	874.7	887.6	886.1	884.2
7.5°	669.3	674.5	679.8	684.7	690.0	706.6	723.2	737.1	751.1	749.2	746.9
10°	522.6	533.5	544.8	555.8	566.7	580.3	593.5	605.2	616.8	636.5	655.7
12.5°	469.4	486.4	503.4	520.3	537.3	547.1	556.5	571.6	586.7	597.2	608.2
15°	426.1	441.9	457.7	473.6	489.4	490.2	490.9	506.8	522.6	531.6	540.3
17.5°	386.5	395.1	403.8	412.1	420.8	417.8	414.8	422.3	429.5	433.2	437.4
20°	341.2	347.3	353.3	359.3	365.4	369.5	373.3	377.8	381.9	378.2	374.0
22.5°	314.8	323.9	333.3	342.4	351.4	354.0	356.3	353.7	351.0	349.9	348.8
25°	293.3	304.3	315.6	326.5	337.5	342.7	348.0	350.3	352.2	348.0	343.9
27.5°	276.8	289.9	302.8	316.0	328.8	338.2	347.6	350.3	352.5	349.5	346.1
30°	264.7	279.0	293.3	307.7	322.0	336.3	350.3	362.7	374.8	373.7	372.5
32.5°	262.8	272.6	282.4	292.2	302.0	311.1	319.7	320.5	320.9	317.8	314.5
35°	254.9	261.3	267.7	274.1	280.5	286.2	291.5	290.7	289.9	286.9	283.9
37.5°	247.7	254.1	260.9	267.3	273.7	283.5	293.0	291.1	288.8	285.8	282.8
40°	246.6	253.8	260.9	267.7	274.9	283.9	293.0	291.1	289.2	285.4	281.7
42.5°	243.9	251.1	257.9	265.1	271.9	282.8	293.3	289.9	286.2	283.2	280.1
45°	237.2	243.6	250.0	256.4	262.8	274.5	286.2	282.0	277.9	276.8	275.2
47.5°	228.1	234.5	240.9	247.3	253.8	265.4	276.8	273.4	269.6	269.2	268.5
50°	218.3	224.3	230.8	236.8	242.8	254.5	265.8	262.8	259.8	260.2	260.2
52.5°	209.3	214.9	220.2	225.9	231.1	242.8	254.1	251.9	249.2	250.0	250.4
55°	200.6	205.1	209.6	214.2	218.7	230.0	241.3	237.9	234.5	235.7	236.8
57.5°	191.2	194.9	198.7	202.1	205.9	217.2	228.1	224.3	220.2	222.1	223.6
60°	180.6	184.0	187.4	190.4	193.8	204.0	213.8	210.4	206.6	209.3	211.5
62.5°	169.7	172.3	174.9	177.6	180.2	189.7	199.1	196.4	193.8	196.8	199.5
65°	158.4	160.2	162.5	164.4	166.3	175.3	184.0	182.1	180.2	182.9	185.5
67.5°	145.9	147.4	149.3	150.8	152.3	160.6	168.9	167.0	164.8	167.0	168.9
70°	132.3	133.9	135.0	136.5	137.6	145.2	152.7	150.1	147.0	149.3	151.2
72.5°	118.8	119.5	120.7	121.4	122.2	127.8	133.5	131.2	128.9	131.2	133.1
75°	102.6	103.3	104.1	104.8	105.6	110.5	115.0	112.4	109.3	111.6	113.9
77.5°	86.0	86.3	87.1	87.5	87.9	91.2	94.3	91.6	88.6	91.2	93.9
80°	66.7	67.1	67.5	67.5	67.9	69.0	70.1	68.2	66.0	69.4	72.8
82.5°	49.0	48.6	48.6	48.3	47.9	47.9	47.5	46.4	44.9	47.9	50.9
85°	28.3	27.9	27.1	26.8	26.0	24.9	23.8	23.4	23.0	25.6	28.3
87.5°	3.0	2.6	1.9	1.5	0.8	0.4	0.0	0.0	0.0	1.5	3.4
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: P596620
 CATALOG NUMBER: MSA-SA2C-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: P596620
 CATALOG NUMBER: MSA-SA2C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3
2.5°	835.9	829.9	824.2	818.6	812.9	807.3	817.8	828.4	838.9	849.5	858.9
5°	882.7	880.8	875.9	871.4	866.5	861.6	864.2	867.2	869.8	872.5	878.1
7.5°	745.0	742.8	753.3	763.5	774.1	784.3	786.9	789.2	791.8	794.1	792.6
10°	675.3	694.5	699.4	703.9	708.8	713.4	720.9	728.5	735.6	743.2	747.3
12.5°	618.7	629.3	646.6	664.4	681.7	699.0	710.4	721.7	733.0	744.3	767.7
15°	549.4	558.0	571.2	584.4	597.6	610.8	627.0	643.6	659.8	676.0	701.7
17.5°	441.1	444.9	454.7	464.5	473.9	483.8	505.6	527.1	549.0	570.5	599.9
20°	370.3	366.1	366.1	366.5	366.5	366.5	388.4	409.8	431.7	453.2	492.0
22.5°	347.3	346.1	342.0	337.5	333.3	328.8	340.1	351.8	363.1	374.4	406.1
25°	339.3	335.2	329.9	324.6	319.4	314.1	321.2	328.4	335.6	342.7	367.6
27.5°	343.1	339.7	342.4	344.6	347.3	349.5	351.8	354.0	356.3	358.6	367.2
30°	371.4	370.3	374.4	378.2	382.3	386.1	380.8	375.9	370.6	365.4	368.4
32.5°	311.4	308.0	306.5	305.0	303.5	302.0	301.6	301.3	300.5	300.1	306.9
35°	280.9	277.9	275.6	273.4	270.7	268.5	269.6	270.3	271.5	272.2	279.8
37.5°	279.8	276.8	274.1	271.5	268.5	265.8	266.9	268.5	269.6	270.7	276.4
40°	277.9	274.1	272.6	271.1	269.6	268.1	268.8	269.6	270.0	270.7	274.9
42.5°	276.8	273.7	273.0	272.2	271.5	270.7	271.5	272.2	272.6	273.4	278.3
45°	274.1	272.6	273.4	274.1	274.9	275.6	275.6	275.6	275.6	275.6	280.9
47.5°	268.1	267.3	269.6	271.9	274.1	276.4	280.1	283.9	287.3	291.1	292.2
50°	260.5	260.5	264.3	268.1	271.5	275.2	284.3	293.0	302.0	310.7	305.0
52.5°	251.1	251.5	257.1	262.4	268.1	273.4	281.7	289.9	297.9	306.2	297.9
55°	237.5	238.7	245.8	252.6	259.8	266.6	273.0	279.4	285.8	292.2	283.5
57.5°	225.5	227.0	234.5	241.7	249.2	256.4	260.2	264.3	268.1	271.9	266.2
60°	214.2	216.4	226.2	236.0	245.5	255.3	252.2	249.2	245.8	242.8	242.4
62.5°	202.5	205.1	214.2	223.2	231.9	240.9	236.4	231.9	227.0	222.5	224.3
65°	187.8	190.4	194.6	198.7	202.5	206.6	206.2	206.2	205.9	205.5	209.3
67.5°	171.2	173.1	175.7	178.0	180.6	182.9	184.4	186.3	187.8	189.3	193.8
70°	153.5	155.3	158.0	160.2	162.9	165.1	167.0	168.9	170.4	172.3	176.8
72.5°	135.4	137.2	139.9	142.5	144.8	147.4	148.9	150.4	151.6	153.1	156.9
75°	116.1	118.4	121.0	123.3	125.9	128.2	129.3	130.5	131.6	132.7	136.1
77.5°	96.5	99.2	101.8	104.4	107.1	109.7	110.1	110.5	110.9	111.2	114.2
80°	75.8	79.2	81.8	84.5	87.1	89.7	89.7	89.7	89.7	89.7	91.2
82.5°	53.9	56.9	60.0	62.6	65.6	68.2	68.2	67.9	67.9	67.5	67.5
85°	30.9	33.6	35.4	37.7	39.6	41.5	41.5	41.5	41.1	41.1	40.3
87.5°	4.9	6.4	7.2	8.3	9.0	9.8	9.4	9.4	9.0	8.7	7.5
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: P596620
 CATALOG NUMBER: MSA-SA2C-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: P596620

CATALOG NUMBER: MSA-SA2C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3
2.5°	868.3	877.8	887.2	885.7	884.2	882.7	881.2	886.8	892.1	897.7	903.0
5°	883.4	889.1	894.4	898.5	902.6	906.8	910.9	930.2	949.0	968.3	987.1
7.5°	791.0	789.2	787.6	805.4	823.5	841.2	858.9	883.4	907.9	932.4	956.9
10°	751.5	755.6	759.7	766.9	774.5	781.6	788.8	812.9	837.0	861.2	885.3
12.5°	790.7	814.0	837.0	842.7	848.7	854.4	860.0	864.9	869.8	874.4	879.3
15°	727.3	753.0	778.6	793.3	808.0	822.3	837.0	874.0	910.6	947.5	984.1
17.5°	628.9	658.3	687.4	723.6	759.7	795.9	832.1	866.1	900.0	933.6	967.5
20°	530.9	569.3	608.2	647.8	687.0	726.6	765.8	799.0	832.1	864.9	898.1
22.5°	437.4	469.0	500.3	548.6	596.5	644.7	692.6	754.5	815.9	877.8	939.2
25°	392.1	417.0	441.5	491.3	541.1	590.5	640.2	720.5	800.5	880.8	960.7
27.5°	376.3	385.0	393.6	438.9	483.8	529.0	573.9	660.6	747.3	833.6	920.4
30°	371.4	374.4	377.4	412.9	448.3	483.8	519.2	604.8	690.7	776.3	861.9
32.5°	313.3	320.1	326.5	361.2	395.5	430.2	464.5	550.9	636.8	723.2	809.1
35°	287.3	294.9	302.4	336.3	370.3	403.8	437.8	528.6	619.9	710.7	801.6
37.5°	282.0	287.7	293.3	331.8	370.3	408.7	447.2	539.2	631.2	723.2	815.2
40°	279.4	283.5	287.7	325.0	362.7	400.0	437.4	533.9	630.0	726.6	822.7
42.5°	282.8	287.7	292.2	326.1	359.7	393.6	427.2	527.1	626.7	726.6	826.1
45°	285.8	291.1	296.0	327.7	359.3	391.0	422.7	529.4	635.7	742.4	848.7
47.5°	293.0	294.1	294.9	322.4	349.5	377.0	404.2	512.8	621.4	729.6	838.2
50°	299.0	293.3	287.3	316.0	344.2	372.9	401.2	504.1	607.0	709.6	812.5
52.5°	289.6	280.9	272.6	303.5	334.4	365.0	395.9	498.8	602.1	705.1	808.0
55°	275.2	266.6	257.9	289.2	320.5	351.8	383.1	485.6	588.6	691.1	793.7
57.5°	260.9	255.3	249.6	275.2	301.3	326.9	352.5	463.8	574.6	685.8	796.7
60°	242.1	241.3	240.9	260.9	281.3	301.3	321.2	430.2	538.8	647.8	756.4
62.5°	225.9	227.7	229.2	245.5	261.7	277.5	293.7	398.9	504.5	609.7	714.9
65°	213.4	217.2	220.9	239.4	257.9	276.0	294.5	382.7	470.9	559.2	647.4
67.5°	198.3	202.9	207.4	231.5	255.6	279.8	303.9	376.7	449.4	522.2	595.0
70°	181.0	185.5	189.7	220.6	251.1	282.0	312.6	377.0	441.9	506.4	570.8
72.5°	160.6	164.4	168.2	201.3	234.5	267.7	300.9	355.6	410.2	464.5	519.2
75°	139.9	143.3	146.7	175.3	204.0	232.6	261.3	303.5	345.4	387.6	429.5
77.5°	116.9	119.9	122.5	141.8	161.0	180.2	199.5	231.9	263.9	296.4	328.4
80°	92.8	94.3	95.8	107.1	118.0	129.3	140.3	161.8	183.2	204.4	225.9
82.5°	67.9	67.9	67.9	75.0	82.6	89.7	96.9	107.8	118.4	129.3	139.9
85°	39.6	38.5	37.7	42.6	47.5	52.4	57.3	61.8	66.4	70.9	75.4
87.5°	6.4	4.9	3.8	6.8	9.8	12.8	15.8	17.3	19.2	20.7	22.2
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: P596620
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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: P596620

CATALOG NUMBER: MSA-SA2C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3
2.5°	890.2	877.8	864.9	852.1	871.0	889.8	908.7	927.5	977.7	1007.5	1009.4
5°	1002.9	1018.8	1034.6	1050.5	1066.3	1082.1	1097.6	1113.4	1194.9	1245.0	1254.4
7.5°	983.0	1009.4	1035.4	1061.4	1106.3	1151.1	1196.0	1240.9	1309.9	1359.6	1392.4
10°	917.7	950.2	982.6	1015.0	1068.2	1121.7	1174.9	1228.0	1301.2	1366.8	1398.1
12.5°	930.9	982.6	1033.9	1085.5	1131.5	1177.9	1223.9	1269.9	1320.4	1345.3	1402.2
15°	1019.9	1055.7	1091.5	1127.4	1196.7	1265.7	1335.1	1404.1	1432.8	1489.7	1541.0
17.5°	1033.5	1099.1	1165.1	1230.7	1315.5	1400.3	1485.2	1570.0	1623.2	1696.7	1758.5
20°	991.3	1084.0	1177.1	1269.9	1379.2	1489.0	1598.3	1707.6	1775.1	1837.0	1932.7
22.5°	1041.8	1144.3	1246.5	1349.1	1494.2	1639.0	1784.2	1929.0	2070.0	2208.0	2272.8
25°	1097.6	1234.8	1371.7	1508.6	1689.9	1870.9	2052.3	2233.2	2414.6	2543.9	2618.6
27.5°	1058.4	1196.0	1334.0	1471.6	1696.0	1920.7	2145.0	2369.4	2563.5	2719.3	2783.4
30°	1030.8	1199.8	1368.7	1537.6	1800.8	2064.0	2327.1	2590.3	2769.8	2943.6	3037.9
32.5°	1025.9	1242.7	1459.2	1676.0	1982.5	2288.7	2595.2	2901.4	3020.5	3174.7	3301.8
35°	1039.5	1277.8	1515.7	1753.6	2105.0	2456.5	2807.5	3158.9	3328.2	3480.9	3592.1
37.5°	1081.0	1346.8	1612.2	1878.1	2301.5	2725.3	3148.7	3572.1	3856.1	4135.4	4185.2
40°	1104.4	1386.4	1668.1	1949.7	2442.1	2934.6	3427.0	3919.4	4245.9	4552.5	4573.2
42.5°	1131.9	1437.7	1743.1	2048.9	2594.8	3141.2	3687.1	4233.1	4637.3	4966.8	4976.6
45°	1163.6	1478.0	1792.9	2107.3	2677.4	3247.1	3817.2	4386.9	4875.6	5276.0	5178.4
47.5°	1176.0	1514.2	1852.1	2189.9	2797.7	3405.1	4012.9	4620.3	5058.8	5423.1	5329.5
50°	1180.9	1549.7	1918.0	2286.4	2916.1	3546.1	4175.8	4805.5	5251.5	5606.7	5463.4
52.5°	1211.4	1614.9	2018.3	2421.8	3077.8	3733.9	4389.9	5046.0	5484.9	5826.1	5648.2
55°	1252.5	1711.4	2169.9	2628.8	3307.8	3986.5	4665.6	5344.3	5784.6	6102.1	5881.5
57.5°	1290.6	1784.9	2278.9	2772.8	3476.4	4180.3	4883.9	5587.4	6033.5	6347.6	6133.8
60°	1272.2	1788.0	2303.8	2819.6	3511.1	4202.2	4893.7	5584.8	6091.2	6467.9	6358.5
62.5°	1216.4	1717.8	2218.9	2720.4	3376.8	4032.9	4689.3	5345.4	5938.1	6421.1	6416.2
65°	1108.9	1570.4	2031.5	2493.0	3100.5	3708.2	4315.7	4923.1	5621.8	6208.4	6246.5
67.5°	978.1	1361.1	1744.2	2127.3	2699.3	3271.3	3843.2	4415.2	5162.1	5809.5	5842.3
70°	851.4	1132.3	1412.8	1693.3	2195.5	2697.8	3199.6	3701.8	4456.3	5111.2	5141.4
72.5°	702.8	886.4	1069.7	1253.3	1660.1	2067.0	2473.4	2880.3	3542.7	4046.5	4216.5
75°	538.4	647.4	756.4	865.3	1194.5	1523.6	1852.4	2181.6	2622.0	2993.7	3185.3
77.5°	385.0	441.5	498.1	554.6	834.4	1114.2	1393.6	1673.3	1904.8	2115.6	2244.9
80°	252.6	279.0	305.8	332.2	564.8	797.5	1029.7	1262.4	1403.4	1516.5	1581.7
82.5°	153.1	166.3	179.1	192.3	380.8	569.3	757.5	946.0	1026.7	1080.6	1138.7
85°	82.6	89.7	96.9	104.1	225.1	345.8	466.8	587.4	595.4	601.8	688.1
87.5°	24.1	26.4	28.3	30.2	49.8	69.8	89.4	109.0	67.9	42.2	86.7
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: P596620
 CATALOG NUMBER: MSA-SA2C-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: P596620

CATALOG NUMBER: MSA-SA2C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3
2.5°	998.4	993.5	988.6	983.3	978.4	957.7	937.3	916.6	895.9	915.8	935.5
5°	1243.5	1258.6	1273.3	1288.4	1303.4	1304.6	1305.3	1306.5	1307.2	1311.0	1314.8
7.5°	1420.0	1446.7	1473.1	1499.9	1526.7	1547.4	1568.1	1589.2	1610.0	1591.1	1572.3
10°	1435.0	1491.6	1548.2	1604.7	1661.3	1671.4	1681.2	1691.4	1701.6	1715.2	1728.4
12.5°	1450.1	1519.1	1587.7	1656.7	1725.7	1755.9	1785.7	1815.9	1845.6	1860.3	1874.7
15°	1609.6	1650.3	1690.7	1731.4	1771.7	1792.5	1812.8	1833.6	1854.3	1866.8	1878.8
17.5°	1814.7	1829.8	1844.5	1859.6	1874.7	1888.6	1902.6	1916.5	1930.5	1932.7	1935.0
20°	2001.7	2004.8	2007.4	2010.4	2013.0	1983.6	1954.6	1925.2	1895.8	1901.1	1906.0
22.5°	2282.3	2265.7	2249.5	2232.9	2216.7	2161.2	2106.2	2050.8	1995.7	1972.0	1948.6
25°	2704.6	2662.3	2620.1	2577.9	2535.6	2447.4	2359.6	2271.3	2183.5	2131.8	2080.5
27.5°	2840.7	2748.7	2657.0	2565.0	2473.0	2406.3	2339.9	2273.2	2206.9	2125.0	2043.2
30°	3115.9	2970.7	2826.0	2680.8	2535.6	2471.2	2406.7	2341.8	2277.4	2193.7	2110.3
32.5°	3359.9	3209.0	3058.2	2907.0	2756.2	2634.0	2511.9	2389.7	2267.6	2211.0	2154.4
35°	3642.3	3452.6	3263.0	3073.3	2883.6	2778.8	2674.4	2569.6	2465.1	2379.5	2294.3
37.5°	4053.6	3851.9	3650.2	3448.1	3246.4	3104.6	2963.2	2821.4	2680.0	2632.9	2586.2
40°	4445.8	4207.5	3969.5	3731.2	3493.3	3384.7	3276.2	3167.2	3058.6	2979.0	2899.5
42.5°	4774.2	4538.5	4303.2	4067.6	3832.3	3753.1	3674.3	3595.1	3516.3	3450.7	3385.1
45°	4886.9	4694.6	4502.7	4310.4	4118.1	4090.2	4062.7	4034.8	4007.2	3958.6	3910.0
47.5°	5068.3	4872.2	4676.5	4480.4	4284.4	4294.6	4304.7	4315.3	4325.5	4328.1	4330.4
50°	5175.0	4988.7	4802.8	4616.6	4430.7	4480.1	4529.1	4578.5	4627.9	4739.8	4851.5
52.5°	5330.7	5147.8	4965.3	4782.5	4599.6	4683.3	4766.6	4850.3	4933.7	5090.5	5247.4
55°	5526.0	5351.0	5176.5	5001.5	4826.9	4908.4	4989.5	5070.9	5152.0	5326.5	5501.1
57.5°	5785.0	5597.6	5410.6	5223.2	5036.2	5111.2	5185.9	5260.9	5335.6	5501.5	5667.4
60°	6079.9	5876.3	5672.7	5468.7	5265.1	5285.8	5306.2	5326.9	5347.3	5527.1	5706.6
62.5°	6224.7	6036.1	5848.0	5659.5	5470.9	5413.3	5355.6	5297.5	5239.8	5400.8	5561.4
65°	6099.1	5969.4	5840.1	5710.4	5580.7	5478.9	5377.4	5275.6	5173.8	5274.5	5374.8
67.5°	5699.4	5625.9	5552.8	5479.2	5405.7	5234.9	5064.1	4892.9	4722.1	4728.9	4735.3
70°	5051.7	5032.1	5012.8	4993.2	4973.6	4716.8	4460.5	4203.7	3946.9	3907.7	3868.5
72.5°	4230.8	4243.7	4256.1	4268.9	4281.7	4005.7	3729.7	3453.7	3177.7	3112.5	3047.3
75°	3276.9	3347.8	3418.7	3489.9	3560.8	3296.9	3033.0	2768.7	2504.7	2424.4	2344.1
77.5°	2315.4	2447.8	2579.8	2712.1	2844.4	2605.8	2367.5	2128.8	1890.1	1838.1	1786.1
80°	1614.5	1679.4	1744.2	1809.1	1873.9	1754.0	1634.1	1514.2	1394.3	1408.6	1422.6
82.5°	1176.0	1191.1	1205.8	1220.9	1236.0	1186.9	1137.9	1088.5	1039.5	1076.8	1114.2
85°	753.3	807.3	860.8	914.7	968.3	914.0	859.7	805.0	750.7	775.6	800.5
87.5°	168.5	266.6	364.6	463.0	561.0	508.3	455.8	403.1	350.3	326.5	303.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P596620

CATALOG NUMBER: MSA-SA2C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3
2.5°	955.4	975.4	969.4	963.7	957.7	951.7	962.6	973.5	984.8	995.8	992.0
5°	1318.9	1322.7	1286.9	1251.4	1215.6	1179.8	1202.0	1224.3	1246.5	1268.8	1260.8
7.5°	1553.4	1534.6	1513.8	1493.1	1472.0	1451.3	1446.7	1442.2	1437.3	1432.8	1426.7
10°	1742.0	1755.2	1741.6	1728.4	1714.8	1701.2	1669.6	1637.9	1605.8	1574.2	1561.0
12.5°	1889.4	1904.1	1907.5	1910.5	1913.9	1917.3	1881.8	1846.8	1811.3	1775.9	1743.8
15°	1891.3	1903.7	1914.6	1925.2	1936.1	1946.7	1924.8	1903.3	1881.5	1859.6	1849.4
17.5°	1937.6	1939.9	1930.9	1922.2	1913.1	1904.5	1895.8	1887.5	1878.8	1870.5	1854.3
20°	1911.2	1916.5	1915.4	1914.3	1912.8	1911.6	1912.4	1912.8	1913.5	1913.9	1904.8
22.5°	1924.8	1901.1	1906.0	1910.5	1915.4	1919.9	1933.5	1947.1	1961.0	1974.6	2010.8
25°	2028.9	1977.2	1969.3	1961.8	1953.9	1946.3	1981.8	2016.8	2052.3	2087.7	2146.5
27.5°	1961.0	1879.2	1861.1	1843.0	1824.9	1806.8	1860.7	1914.3	1968.2	2022.1	2082.0
30°	2026.6	1943.3	1903.3	1863.4	1823.0	1783.1	1834.7	1886.0	1937.6	1988.9	2055.3
32.5°	2097.9	2041.3	2014.6	1988.2	1961.4	1935.0	1939.1	1943.3	1947.4	1951.6	2045.1
35°	2208.7	2123.1	2096.8	2070.4	2044.0	2017.6	2061.7	2105.4	2149.5	2193.3	2272.5
37.5°	2539.0	2491.9	2444.4	2396.9	2349.0	2301.5	2327.5	2353.5	2379.5	2405.6	2480.2
40°	2819.9	2740.4	2732.5	2724.9	2717.0	2709.1	2711.3	2713.2	2715.5	2717.7	2781.5
42.5°	3319.1	3253.5	3213.2	3172.8	3132.5	3092.2	3089.5	3086.9	3083.9	3081.2	3129.1
45°	3861.0	3812.3	3782.2	3752.0	3721.4	3691.3	3643.4	3595.5	3547.3	3499.4	3541.2
47.5°	4333.0	4335.7	4390.3	4444.6	4499.3	4554.0	4472.1	4390.3	4308.5	4226.7	4172.8
50°	4963.4	5075.0	5088.2	5101.1	5114.3	5127.5	4988.7	4850.3	4711.6	4572.8	4516.3
52.5°	5404.6	5561.4	5541.1	5521.1	5500.7	5480.4	5400.1	5320.1	5239.8	5159.5	5036.2
55°	5676.1	5850.6	5835.2	5820.1	5804.6	5789.2	5730.7	5672.3	5613.8	5555.4	5420.0
57.5°	5833.3	5999.2	6003.7	6008.2	6012.8	6017.3	6001.8	5986.4	5970.9	5955.4	5779.4
60°	5886.4	6066.3	6068.2	6069.7	6071.6	6073.1	6048.6	6024.1	5999.2	5974.7	5859.7
62.5°	5722.4	5883.1	5890.2	5897.0	5904.2	5911.3	5894.4	5877.4	5860.4	5843.5	5758.3
65°	5475.5	5576.1	5578.0	5579.5	5581.4	5583.3	5540.3	5497.7	5454.7	5411.7	5391.4
67.5°	4742.1	4748.9	4788.9	4828.8	4868.8	4908.8	4912.2	4915.6	4919.3	4922.7	4893.3
70°	3829.3	3790.1	3833.4	3876.8	3920.1	3963.5	3982.0	4000.5	4019.3	4037.8	4051.4
72.5°	2981.7	2916.5	2948.5	2980.6	3013.0	3045.0	3017.5	2990.0	2962.5	2934.9	3022.0
75°	2263.8	2183.5	2179.3	2175.6	2171.4	2167.6	2153.7	2139.7	2125.4	2111.5	2192.9
77.5°	1733.7	1681.6	1684.3	1686.5	1689.2	1691.4	1677.1	1663.2	1648.8	1634.5	1665.8
80°	1436.9	1450.9	1451.3	1451.6	1452.0	1452.4	1438.8	1425.6	1412.0	1398.5	1375.8
82.5°	1151.9	1189.2	1188.8	1188.8	1188.4	1188.1	1187.3	1186.6	1185.4	1184.7	1147.7
85°	825.4	850.2	824.6	799.0	773.3	747.7	766.5	785.4	804.6	823.5	808.0
87.5°	279.4	256.0	225.5	195.3	164.8	134.2	167.0	199.8	233.0	265.8	284.7
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: P596620
 CATALOG NUMBER: MSA-SA2C-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: P596620

CATALOG NUMBER: MSA-SA2C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3	819.3
2.5°	988.6	984.8	981.5	957.7	933.6	909.8	885.7	929.4	973.5	1017.3	1061.0
5°	1253.3	1245.4	1237.8	1236.0	1234.1	1231.8	1229.9	1252.2	1274.4	1296.3	1318.5
7.5°	1420.7	1414.7	1408.6	1392.8	1377.3	1361.5	1345.7	1359.3	1372.4	1386.0	1399.2
10°	1548.2	1535.0	1521.8	1487.4	1453.5	1419.2	1384.9	1374.7	1364.5	1354.4	1344.2
12.5°	1711.8	1679.4	1647.3	1608.5	1569.3	1530.4	1491.2	1485.9	1480.7	1475.8	1470.5
15°	1839.6	1829.4	1819.2	1788.3	1757.4	1726.5	1695.6	1654.1	1612.2	1570.8	1529.3
17.5°	1838.5	1822.3	1806.4	1847.9	1889.0	1930.5	1971.6	1927.5	1883.0	1838.9	1794.7
20°	1895.8	1886.4	1877.3	1953.9	2030.0	2106.6	2182.7	2158.6	2134.1	2110.0	2085.4
22.5°	2046.6	2082.8	2118.6	2184.2	2249.5	2315.1	2380.3	2407.8	2435.3	2462.9	2490.4
25°	2205.0	2263.8	2322.6	2420.3	2517.5	2615.2	2712.8	2732.5	2752.1	2771.7	2791.3
27.5°	2141.6	2201.6	2261.5	2335.4	2408.9	2482.8	2556.4	2642.3	2728.7	2814.7	2900.6
30°	2121.3	2187.6	2253.6	2355.0	2456.1	2557.5	2658.9	2777.3	2895.7	3013.7	3132.1
32.5°	2138.2	2231.7	2325.2	2462.5	2599.4	2736.6	2873.8	2998.3	3123.1	3247.5	3371.9
35°	2351.3	2430.4	2509.2	2662.7	2816.2	2969.6	3123.1	3269.0	3414.9	3560.4	3706.4
37.5°	2554.5	2629.1	2703.8	2860.6	3017.1	3174.0	3330.8	3561.2	3792.0	4022.3	4252.7
40°	2844.8	2908.5	2971.9	3106.1	3240.3	3374.6	3508.8	3786.7	4064.6	4342.4	4620.3
42.5°	3176.6	3224.5	3272.0	3411.1	3550.3	3689.4	3828.5	4130.9	4433.7	4736.1	5038.5
45°	3582.7	3624.5	3666.4	3762.2	3857.9	3954.1	4049.9	4361.7	4673.5	4985.3	5297.1
47.5°	4118.9	4064.9	4011.0	4058.1	4105.3	4152.4	4199.5	4508.0	4816.4	5124.4	5432.9
50°	4459.7	4403.1	4346.6	4350.7	4354.5	4358.7	4362.8	4650.5	4938.2	5225.5	5513.2
52.5°	4912.9	4789.2	4665.9	4664.8	4663.7	4662.2	4661.0	4911.8	5162.9	5413.6	5664.4
55°	5284.7	5149.3	5014.0	4987.6	4961.2	4934.4	4908.0	5156.1	5403.8	5651.9	5899.6
57.5°	5603.3	5426.8	5250.7	5209.3	5167.8	5126.3	5084.8	5352.2	5619.9	5887.2	6154.5
60°	5745.1	5630.1	5515.4	5464.5	5413.6	5362.7	5311.8	5539.6	5767.3	5994.7	6222.4
62.5°	5673.4	5588.2	5503.4	5515.1	5526.7	5538.4	5550.1	5680.2	5810.7	5940.7	6070.8
65°	5371.4	5351.0	5331.1	5425.3	5519.6	5613.8	5708.1	5710.0	5711.9	5713.8	5715.6
67.5°	4863.9	4834.5	4805.1	5001.1	5196.8	5392.9	5589.0	5495.8	5402.7	5309.9	5216.8
70°	4064.6	4078.1	4091.3	4358.3	4624.8	4891.8	5158.7	5023.8	4888.4	4753.4	4618.1
72.5°	3109.1	3196.6	3283.7	3560.4	3837.2	4114.0	4390.7	4236.5	4081.9	3927.7	3773.1
75°	2274.3	2355.8	2437.2	2710.6	2983.9	3257.7	3531.0	3347.8	3164.5	2981.7	2798.4
77.5°	1697.1	1728.8	1760.1	1987.4	2214.4	2441.8	2668.7	2484.7	2300.7	2117.1	1933.1
80°	1353.6	1331.0	1308.7	1434.7	1560.6	1686.5	1812.5	1682.0	1551.2	1420.7	1290.3
82.5°	1111.2	1074.2	1037.6	1084.4	1131.1	1178.3	1225.0	1120.6	1016.1	911.7	807.3
85°	792.6	777.1	761.6	775.2	788.4	802.0	815.6	713.7	611.9	510.5	408.7
87.5°	303.1	322.0	340.8	362.3	383.5	404.9	426.1	333.7	241.3	149.3	56.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	819.3	819.3
2.5°	1079.1	1097.2
5°	1318.2	1317.8
7.5°	1393.2	1386.8
10°	1327.6	1311.0
12.5°	1421.5	1372.1
15°	1480.3	1430.9
17.5°	1720.5	1645.8
20°	1996.8	1907.9
22.5°	2355.0	2219.7
25°	2629.5	2467.4
27.5°	2804.5	2707.9
30°	3021.6	2911.2
32.5°	3290.5	3208.7
35°	3631.7	3556.7
37.5°	4229.3	4205.6
40°	4592.0	4563.4
42.5°	5039.6	5040.4
45°	5314.1	5331.1
47.5°	5475.8	5518.4
50°	5604.8	5696.0
52.5°	5789.2	5914.0
55°	6065.5	6231.1
57.5°	6295.5	6436.6
60°	6295.5	6368.3
62.5°	6068.9	6066.7
65°	5680.6	5645.1
67.5°	5172.3	5127.8
70°	4548.7	4478.9
72.5°	3686.8	3600.0
75°	2679.7	2560.5
77.5°	1876.6	1819.6
80°	1317.8	1345.3
82.5°	846.5	885.7
85°	402.7	396.7
87.5°	47.5	38.1
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: P596620
CATALOG NUMBER: MSA-SA2C-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)