

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: P596180

Luminaire Tested: **MSA-SA1C-722-U-SLR**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P596180
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)
Test Lab: INNOVATIONS CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA1C-722-U-SLR
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3950 lumens
Efficiency: N/A
Efficacy: 66.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

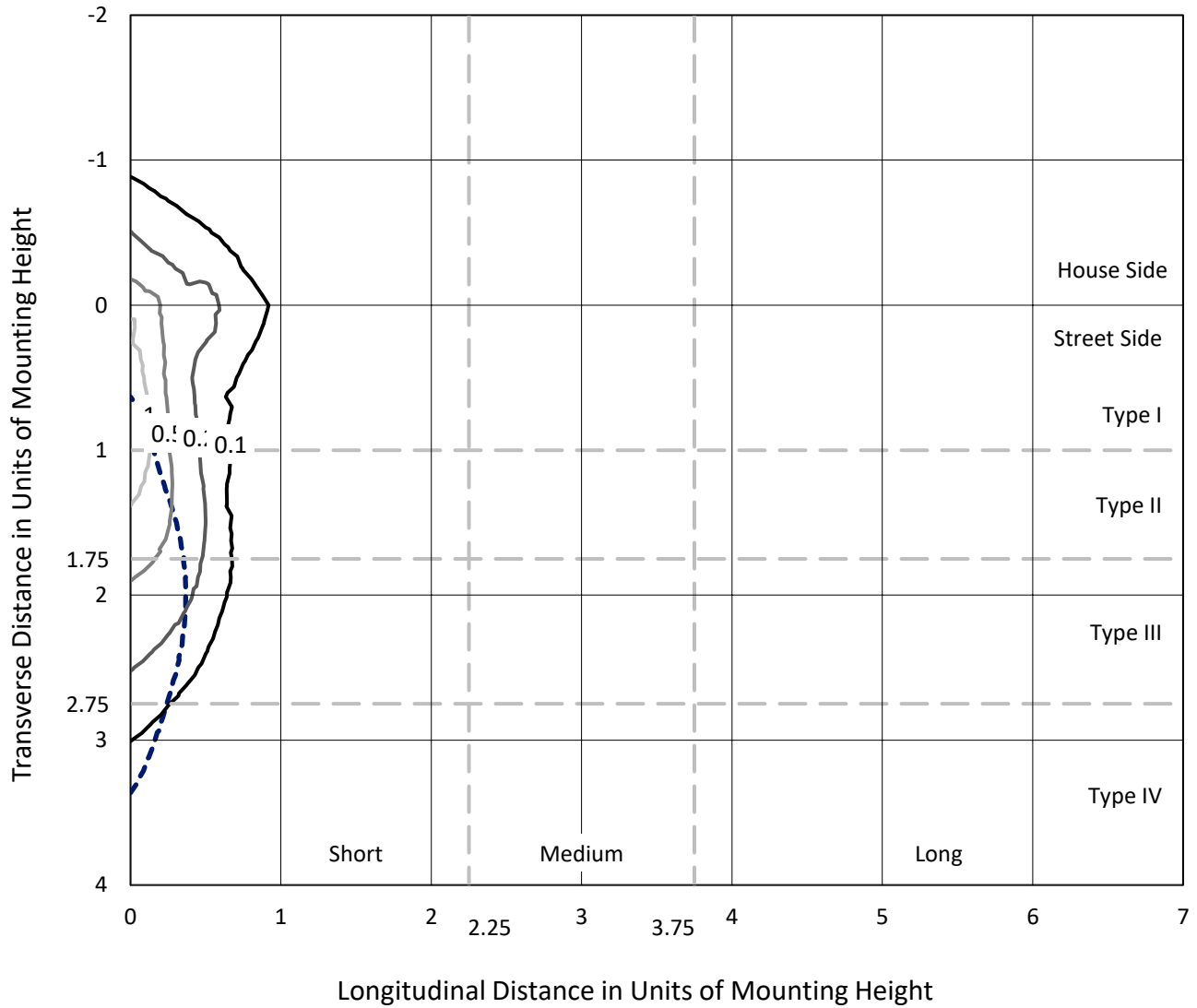
Input Watts (W): 59
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P596180
 CATALOG NUMBER: MSA-SA1C-722-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

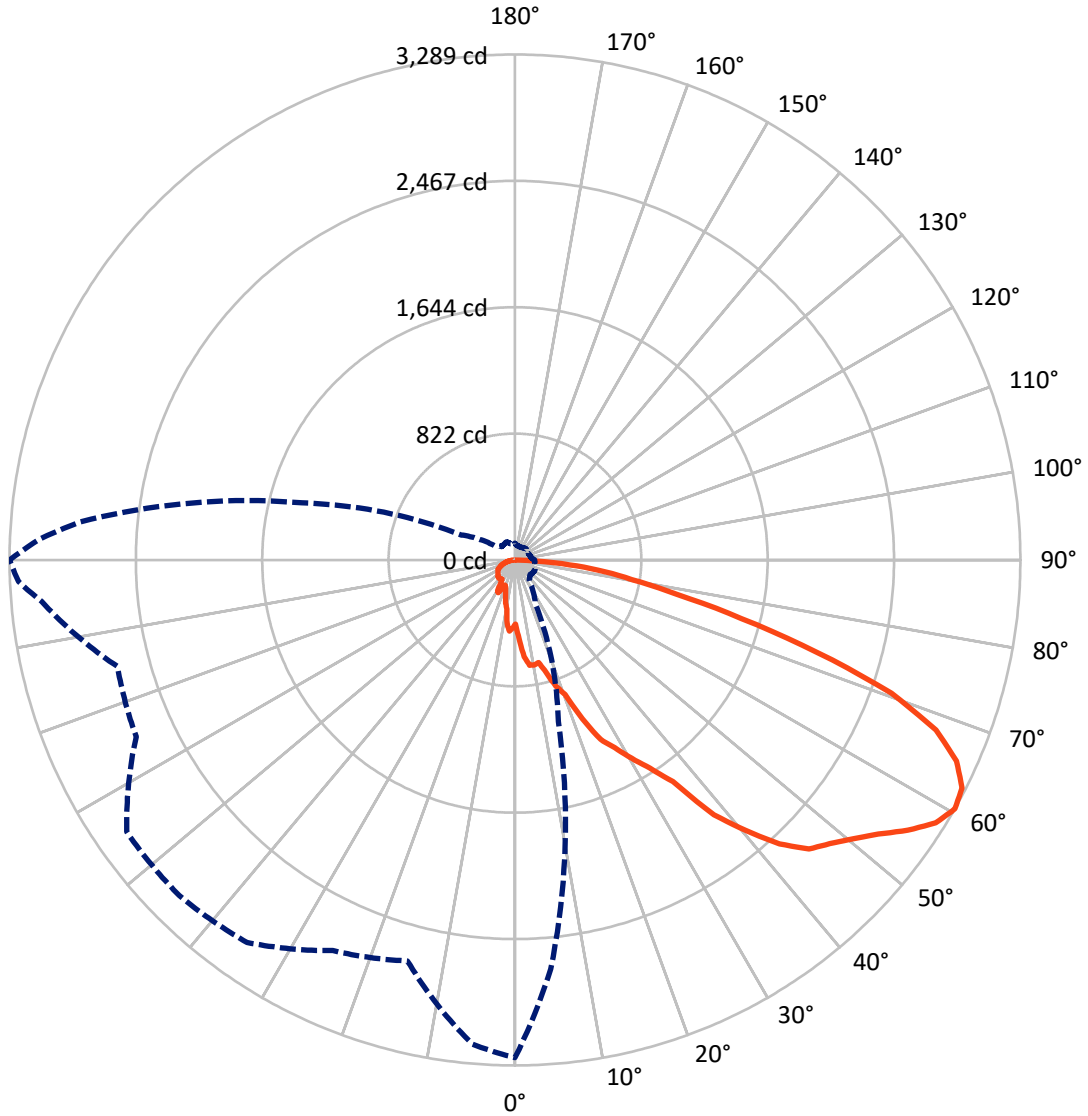
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.7 fc
 Type IV - Short - N/A

REPORT NUMBER: P596180
CATALOG NUMBER: MSA-SA1C-722-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P596180

CATALOG NUMBER: MSA-SA1C-722-U-SLR

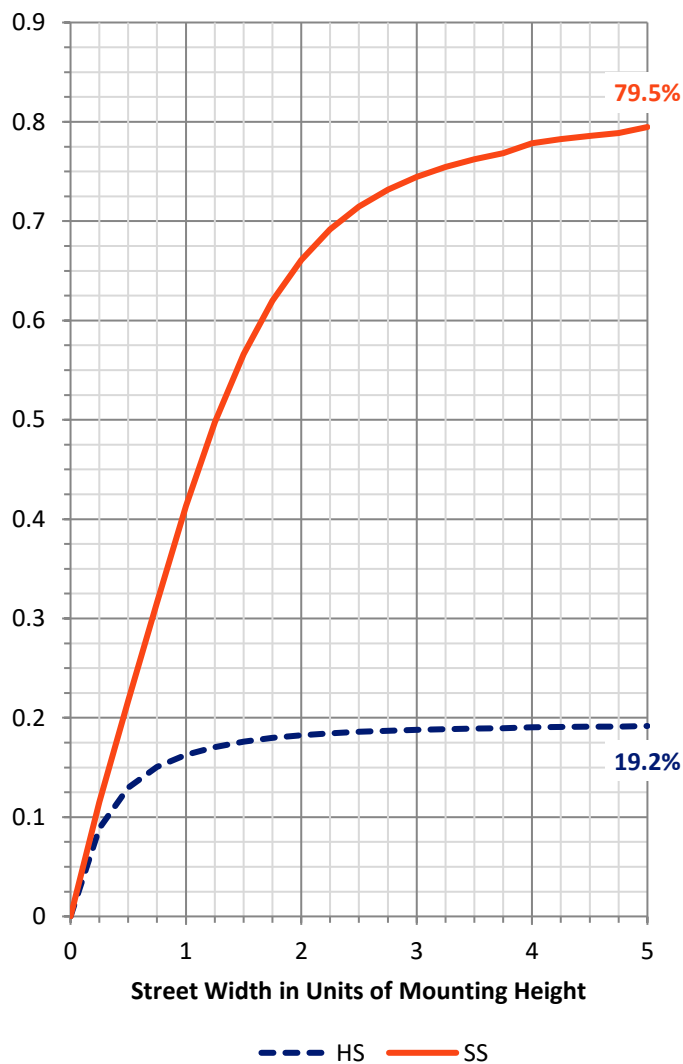
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	765.0	0.0	765.0
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	3185.0	0.0	3185.0
	% Fixture	80.6	0.0	80.6
Total	Lumens	3950.0	0.0	3950.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.8	1.2
10°-20°	138.8	3.5
20°-30°	245.0	6.2
30°-40°	381.6	9.7
40°-50°	628.2	15.9
50°-60°	896.7	22.7
60°-70°	950.8	24.1
70°-80°	525.2	13.3
80°-90°	135.9	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°	3950.0	100.0
0°-180°	3950.0	100.0

Coefficient of Utilization

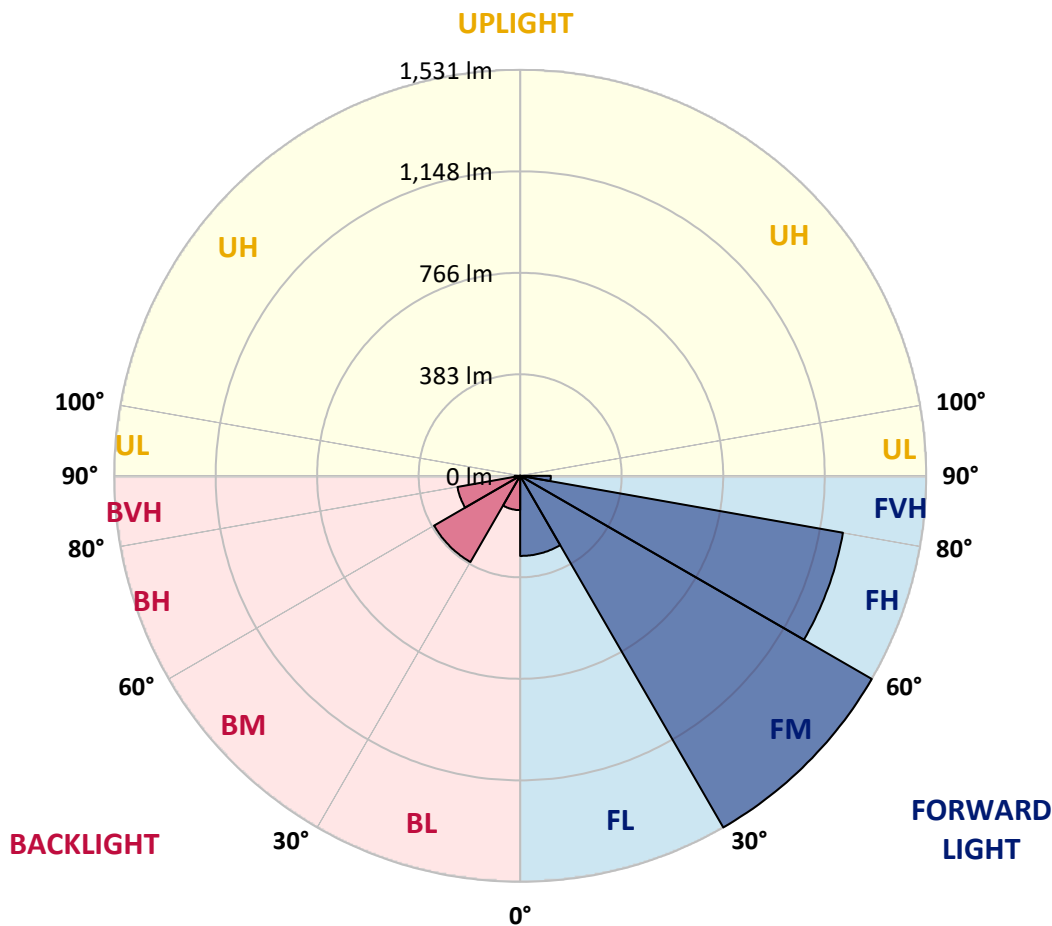


REPORT NUMBER: P596180
 CATALOG NUMBER: MSA-SA1C-722-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	302.2	7.7			
FM (30°-60°)	1531.3	38.8			
FH (60°-80°)	1236.0	31.3			G1/1800
FVH (80°-90°)	115.5	2.9			G2/225
BL (0°-30°)	129.3	3.3	B1/500		
BM (30°-60°)	375.3	9.5	B1/1000		
BH (60°-80°)	240.0	6.1	B1/500		G1/500
BVH (80°-90°)	20.4	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
 Type IV Short





REPORT NUMBER: P596180

CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6
2.5°	557.9	561.4	564.6	558.1	551.6	544.9	538.4	528.6	518.6	508.8	498.9
5°	670.1	657.4	644.6	639.4	634.4	629.2	624.1	619.3	614.5	609.5	604.7
7.5°	705.2	687.1	668.9	661.3	653.6	645.7	638.1	620.8	603.6	586.1	568.9
10°	666.6	647.8	628.9	621.4	613.7	606.2	598.6	577.5	556.6	535.5	514.4
12.5°	697.7	678.5	659.2	635.4	611.6	587.6	563.9	552.2	540.5	528.6	516.9
15°	727.6	701.7	675.6	651.9	628.1	604.1	580.4	557.0	533.6	510.2	486.8
17.5°	836.9	793.7	750.6	707.7	664.5	621.6	578.4	551.4	524.2	497.1	469.9
20°	970.1	910.1	849.9	784.7	719.4	654.2	588.8	554.7	520.7	486.6	452.5
22.5°	1128.7	1053.0	977.2	895.0	812.7	730.3	648.0	598.6	549.1	499.4	450.0
25°	1254.7	1181.8	1108.9	1004.6	900.3	796.0	691.7	635.6	579.4	523.0	466.9
27.5°	1377.0	1261.0	1144.8	1025.4	906.1	786.7	667.2	615.3	563.3	511.3	459.4
30°	1480.3	1388.3	1296.3	1140.4	984.5	828.5	672.6	608.7	544.9	481.0	417.2
32.5°	1631.6	1500.3	1368.7	1206.2	1043.6	881.0	718.4	636.7	555.0	473.4	391.7
35°	1808.6	1672.0	1535.5	1334.4	1133.5	932.4	731.2	644.8	558.1	471.6	385.0
37.5°	2138.5	1897.9	1657.1	1437.6	1218.0	998.3	778.8	678.3	577.9	477.2	376.7
40°	2320.5	2098.1	1875.7	1602.1	1328.5	1054.7	781.1	678.3	575.4	472.6	369.6
42.5°	2563.0	2281.7	2000.3	1704.5	1408.8	1113.0	817.1	703.3	589.4	475.3	361.4
45°	2710.8	2397.4	2083.7	1767.5	1451.4	1135.2	819.1	703.4	587.8	472.2	356.6
47.5°	2806.1	2505.1	2203.9	1863.6	1523.3	1182.8	842.4	719.7	596.8	474.1	351.2
50°	2896.4	2598.3	2300.0	1946.6	1593.4	1240.1	886.7	752.7	618.7	484.5	350.5
52.5°	3007.2	2732.7	2457.9	2078.9	1699.7	1320.6	941.4	795.5	649.6	503.7	357.8
55°	3168.5	2897.9	2627.2	2220.4	1813.4	1406.5	999.5	837.5	675.6	513.6	351.6
57.5°	3273.0	2998.6	2724.2	2309.3	1894.5	1479.4	1064.5	885.0	705.6	525.9	346.5
60°	3238.3	2955.3	2672.1	2276.6	1881.0	1485.5	1090.0	896.1	702.5	508.7	314.8
62.5°	3084.9	2784.1	2483.2	2128.9	1774.8	1420.5	1066.2	869.1	672.2	475.1	278.0
65°	2870.5	2559.6	2248.4	1928.8	1609.2	1289.6	969.9	791.1	612.0	433.1	254.0
67.5°	2607.5	2283.3	1958.9	1675.9	1392.9	1109.7	826.7	677.2	527.8	378.3	228.7
70°	2277.5	1958.9	1640.2	1395.4	1150.6	905.7	660.9	548.3	436.0	323.4	210.9
72.5°	1830.6	1555.7	1280.7	1088.0	895.4	702.7	510.0	431.8	353.7	275.5	197.3
75°	1302.0	1140.4	978.8	828.8	678.9	528.8	378.9	328.2	277.6	227.0	176.4
77.5°	925.3	830.0	734.7	617.2	499.6	382.1	264.6	234.9	205.3	175.6	145.9
80°	684.1	604.5	524.9	436.4	347.8	259.2	170.6	156.1	141.7	127.1	112.5
82.5°	450.4	414.5	378.5	308.3	238.1	168.0	97.8	92.4	87.0	81.7	76.3
85°	201.7	213.0	224.1	181.2	138.0	95.1	52.0	49.5	47.0	44.5	42.0
87.5°	19.4	28.6	37.8	32.4	26.8	21.5	15.9	15.7	15.7	15.5	15.3
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: P596180
 CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596180
 CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6
2.5°	501.6	504.2	506.9	509.6	506.7	503.9	500.8	497.9	494.3	490.6	486.8
5°	596.7	588.4	580.4	572.1	559.8	547.6	535.1	522.8	521.3	519.6	518.0
7.5°	553.7	538.8	523.6	508.5	489.3	470.3	451.1	432.0	426.2	420.5	414.7
10°	504.2	493.9	483.7	473.4	461.5	449.6	437.5	425.6	409.9	394.0	378.3
12.5°	500.0	483.2	466.1	449.2	441.9	434.6	427.4	420.1	406.3	392.5	378.5
15°	473.2	459.4	445.8	432.0	421.4	410.9	400.3	389.8	378.7	367.3	356.2
17.5°	454.2	438.5	422.8	407.0	395.0	382.9	370.6	358.5	345.1	331.5	318.1
20°	434.5	416.6	398.6	380.6	365.2	350.1	334.8	319.4	304.7	290.1	275.3
22.5°	426.4	402.8	379.2	355.7	339.5	323.3	307.1	290.8	277.2	263.6	250.0
25°	438.7	410.7	382.5	354.3	332.6	310.8	289.1	267.3	256.0	244.6	233.1
27.5°	424.3	389.0	353.9	318.6	295.5	272.1	248.9	225.5	223.7	222.0	220.1
30°	380.2	343.2	306.2	269.2	247.9	226.4	205.1	183.7	179.6	175.4	171.4
32.5°	353.9	316.2	278.4	240.6	221.6	202.5	183.5	164.3	159.7	155.1	150.5
35°	344.0	302.9	261.9	220.9	204.6	188.3	172.0	155.7	152.4	149.4	146.1
37.5°	335.9	295.3	254.4	213.6	197.9	182.1	166.2	150.5	148.0	145.5	143.0
40°	328.2	287.0	245.6	204.2	190.2	176.4	162.4	148.4	146.9	145.3	143.6
42.5°	321.3	281.3	241.0	200.9	188.5	176.2	163.7	151.3	149.7	148.2	146.7
45°	317.5	278.4	239.3	200.2	191.2	182.1	172.9	163.9	160.3	156.6	152.8
47.5°	314.6	278.0	241.4	204.8	195.4	186.0	176.6	167.2	163.9	160.7	157.2
50°	315.2	280.1	244.8	209.6	198.2	186.7	175.4	163.9	163.5	163.2	162.8
52.5°	320.4	283.2	245.8	208.4	196.1	183.9	171.4	159.1	161.6	163.9	166.4
55°	312.9	274.2	235.2	196.5	184.8	173.3	161.6	149.9	153.2	156.3	159.5
57.5°	304.5	262.5	220.5	178.5	169.7	160.9	151.8	143.0	146.5	150.1	153.6
60°	276.5	238.1	199.8	161.4	155.5	149.5	143.6	137.7	139.2	140.7	142.3
62.5°	245.8	213.4	181.2	148.8	144.2	139.4	134.8	130.0	130.0	130.2	130.2
65°	226.2	198.4	170.6	142.8	137.7	132.5	127.1	121.9	121.2	120.4	119.6
67.5°	206.7	184.8	162.8	140.7	133.3	126.0	118.5	111.0	110.1	109.3	108.3
70°	191.3	171.8	152.2	132.7	124.2	116.0	107.6	99.1	98.4	97.8	97.0
72.5°	178.9	160.7	142.3	123.9	115.0	106.0	97.2	88.2	87.6	87.0	86.3
75°	160.1	144.0	127.7	111.4	102.8	94.3	85.7	77.1	76.3	75.7	75.0
77.5°	132.5	118.9	105.4	91.8	85.1	78.6	71.9	65.2	64.8	64.4	63.8
80°	102.0	91.5	80.7	70.2	65.8	61.2	56.8	52.1	52.0	51.8	51.4
82.5°	70.0	63.7	57.3	51.0	47.7	44.3	41.0	37.6	37.8	38.0	38.2
85°	39.9	37.6	35.5	33.2	30.5	28.0	25.3	22.6	23.2	23.8	24.2
87.5°	14.6	13.8	13.0	12.3	10.9	9.8	8.4	7.1	7.5	8.1	8.4
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):

	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: P596180
 CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6
2.5°	483.2	477.4	471.6	465.9	460.1	448.3	436.6	424.7	412.8	420.1	427.6
5°	516.3	506.5	496.6	486.8	476.8	471.3	465.7	460.1	454.6	457.5	460.5
7.5°	409.0	403.2	397.3	391.5	385.6	383.1	380.8	378.3	375.8	382.9	390.0
10°	362.4	354.3	346.3	338.0	330.0	325.2	320.4	315.6	310.8	312.7	314.6
12.5°	364.7	352.8	340.9	329.0	317.1	310.0	302.9	295.8	288.7	290.5	292.2
15°	344.9	332.6	320.4	308.1	295.8	287.6	279.2	270.9	262.5	259.6	256.5
17.5°	304.5	291.0	277.6	264.2	250.8	245.2	239.7	234.1	228.5	225.5	222.4
20°	260.6	248.1	235.6	223.2	210.7	206.9	203.0	199.0	195.2	193.3	191.2
22.5°	236.4	228.7	220.9	213.2	205.3	200.9	196.7	192.3	187.9	185.8	183.5
25°	221.8	223.4	225.1	226.6	228.2	226.2	224.1	222.2	220.1	220.9	221.4
27.5°	218.4	221.6	225.1	228.3	231.6	233.3	235.1	236.8	238.5	239.1	239.7
30°	167.2	168.9	170.4	172.2	173.7	178.5	183.3	187.9	192.7	200.2	207.8
32.5°	145.9	145.3	144.8	144.0	143.4	144.6	145.7	146.7	147.8	150.5	153.4
35°	142.8	141.5	140.0	138.6	137.1	137.7	138.2	138.8	139.4	141.5	143.6
37.5°	140.5	140.0	139.6	139.0	138.4	139.8	140.9	142.3	143.4	145.1	146.9
40°	142.1	141.9	141.7	141.3	141.1	141.9	142.6	143.4	144.2	146.5	148.8
42.5°	145.1	145.1	144.9	144.9	144.8	145.5	146.1	146.9	147.4	148.8	150.1
45°	149.2	148.8	148.6	148.2	147.8	147.6	147.6	147.4	147.2	148.0	149.0
47.5°	154.0	152.6	151.1	149.7	148.2	147.8	147.2	146.9	146.3	146.7	147.1
50°	162.4	158.7	155.3	151.7	148.0	147.1	146.1	145.1	144.2	144.0	144.0
52.5°	168.7	163.4	158.0	152.6	147.2	145.5	143.8	142.1	140.3	140.0	139.8
55°	162.6	158.6	154.7	150.7	146.7	144.2	141.5	139.0	136.3	135.7	135.2
57.5°	157.0	154.5	152.0	149.5	147.1	144.6	141.9	139.4	136.7	135.4	134.0
60°	143.8	143.8	144.0	144.0	144.0	141.3	138.6	135.9	133.3	131.9	130.8
62.5°	130.2	132.3	134.2	136.3	138.2	134.6	130.8	127.1	123.3	122.3	121.6
65°	118.9	119.4	120.2	120.8	121.4	118.5	115.6	112.7	109.9	109.3	108.5
67.5°	107.4	107.2	107.0	106.6	106.4	104.7	102.8	101.0	99.1	98.4	97.6
70°	96.2	96.1	95.9	95.5	95.3	93.8	92.2	90.7	89.2	88.6	88.0
72.5°	85.7	85.5	85.1	84.9	84.6	83.2	82.1	80.7	79.4	78.6	77.8
75°	74.2	73.8	73.4	73.0	72.7	71.5	70.4	69.0	67.9	67.1	66.3
77.5°	63.5	62.9	62.3	61.5	61.0	60.0	58.9	57.9	56.8	55.8	55.0
80°	51.2	50.8	50.4	49.8	49.5	48.5	47.5	46.4	45.4	44.3	43.3
82.5°	38.3	38.2	37.8	37.6	37.2	36.2	35.3	34.3	33.4	32.2	31.1
85°	24.7	24.5	24.3	24.2	24.0	23.2	22.6	21.9	21.1	19.9	19.0
87.5°	8.8	8.4	8.2	7.9	7.5	7.3	6.9	6.7	6.3	5.8	5.2
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: P596180
 CATALOG NUMBER: MSA-SA1C-722-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: P596180
 CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6
2.5°	434.8	442.1	442.3	442.3	445.8	449.0	442.3	435.6	428.7	422.0	415.3
5°	463.4	466.3	465.5	464.6	460.3	456.1	451.7	447.3	442.9	438.5	438.7
7.5°	397.1	404.2	409.9	415.5	410.1	404.7	401.9	399.0	396.1	393.2	392.8
10°	316.3	318.3	320.6	322.7	319.4	316.0	321.7	327.5	333.0	338.8	332.5
12.5°	293.9	295.6	291.6	287.4	286.1	284.7	283.4	281.8	280.5	279.0	278.2
15°	253.7	250.6	247.5	244.3	243.5	242.5	241.6	240.4	239.5	238.3	234.9
17.5°	219.3	216.3	211.1	205.7	203.6	201.3	200.7	200.2	199.4	198.8	195.6
20°	189.2	187.1	185.8	184.2	182.1	180.0	177.9	175.8	173.5	171.4	168.3
22.5°	181.4	179.1	177.3	175.4	175.0	174.7	170.8	166.8	163.0	158.9	157.2
25°	222.2	222.8	212.2	201.5	200.5	199.6	192.7	185.6	178.7	171.6	165.7
27.5°	240.0	240.6	240.2	239.9	236.8	233.5	221.8	209.9	198.2	186.4	177.9
30°	215.3	222.8	225.7	228.5	226.4	224.1	211.9	199.8	187.5	175.2	169.7
32.5°	156.1	158.7	163.5	168.1	170.6	172.9	169.1	165.3	161.4	157.6	156.6
35°	145.5	147.6	148.6	149.5	148.0	146.5	143.6	140.7	137.7	134.8	134.2
37.5°	148.4	150.1	152.0	154.0	149.7	145.3	142.1	139.0	135.7	132.5	129.8
40°	151.1	153.4	154.5	155.7	151.5	147.2	143.2	139.4	135.4	131.3	128.6
42.5°	151.5	152.8	154.9	157.0	151.1	144.9	141.3	137.5	133.8	130.0	127.3
45°	149.7	150.5	152.4	154.3	147.4	140.3	137.1	133.6	130.4	126.9	124.6
47.5°	147.2	147.6	149.2	150.5	143.2	135.7	132.7	129.6	126.3	123.3	121.0
50°	143.8	143.6	144.8	145.7	138.2	130.8	127.7	124.8	121.7	118.7	116.8
52.5°	139.4	139.0	140.2	141.1	133.3	125.4	122.7	120.2	117.5	114.8	113.3
55°	134.4	133.8	134.8	135.7	128.1	120.2	117.9	115.4	113.1	110.6	109.3
57.5°	132.5	131.1	131.7	132.3	123.7	115.0	112.7	110.4	108.1	105.8	104.9
60°	129.4	128.1	128.6	129.0	119.8	110.4	108.3	106.0	103.9	101.6	100.7
62.5°	120.6	119.6	120.4	121.2	112.9	104.5	102.6	100.8	98.9	97.0	95.7
65°	107.9	107.2	108.7	110.2	103.1	96.1	94.9	93.8	92.4	91.3	89.9
67.5°	96.8	96.1	97.6	99.1	93.9	88.8	87.6	86.5	85.3	84.2	83.4
70°	87.4	86.9	88.2	89.5	85.1	80.7	79.6	78.6	77.5	76.3	75.7
72.5°	76.9	76.1	77.8	79.4	75.7	71.9	70.9	69.8	68.8	67.7	67.3
75°	65.6	64.8	66.3	67.7	65.2	62.5	61.5	60.6	59.6	58.7	58.5
77.5°	54.1	53.1	54.6	56.0	54.5	52.7	52.0	51.0	50.2	49.3	49.3
80°	42.2	41.0	42.2	43.1	42.6	42.0	41.4	40.6	40.1	39.3	39.5
82.5°	29.9	28.8	29.3	29.9	30.3	30.7	30.7	30.7	30.7	30.7	30.7
85°	17.8	16.7	16.9	17.1	17.6	18.2	18.4	18.6	18.8	19.0	19.2
87.5°	4.6	4.0	3.6	3.1	3.6	4.0	4.4	4.6	5.0	5.2	5.2
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: P596180
 CATALOG NUMBER: MSA-SA1C-722-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: P596180
 CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6
2.5°	408.6	401.7	395.0	399.2	403.2	407.4	411.4	411.6	411.6	411.8	411.8
5°	439.1	439.2	439.4	435.4	431.6	427.6	423.5	421.4	419.3	417.0	414.9
7.5°	392.3	391.9	391.3	387.5	383.6	379.8	376.0	366.8	357.4	348.2	338.8
10°	325.9	319.6	313.1	311.6	310.2	308.7	307.1	304.7	302.4	299.9	297.4
12.5°	277.4	276.7	275.9	271.9	267.8	263.6	259.6	259.6	259.6	259.6	259.6
15°	231.2	227.8	224.1	222.2	220.1	218.2	216.1	215.1	214.2	213.2	212.2
17.5°	192.1	188.9	185.4	185.0	184.6	184.2	183.9	182.9	181.9	181.0	180.0
20°	165.3	162.2	159.1	160.3	161.4	162.4	163.5	162.6	161.6	160.5	159.5
22.5°	155.3	153.6	151.7	150.7	149.7	148.6	147.6	147.6	147.8	147.8	147.8
25°	159.9	154.0	148.0	145.1	142.3	139.2	136.3	135.2	134.2	133.1	131.9
27.5°	169.5	160.9	152.4	147.4	142.5	137.5	132.5	130.4	128.1	126.0	123.7
30°	163.9	158.4	152.6	146.9	141.1	135.4	129.6	126.9	124.2	121.4	118.7
32.5°	155.7	154.5	153.6	148.2	142.8	137.3	131.9	130.8	129.8	128.6	127.5
35°	133.4	132.9	132.1	130.8	129.4	128.1	126.7	125.2	123.7	122.1	120.6
37.5°	127.3	124.6	121.9	121.4	120.8	120.2	119.6	119.1	118.5	117.7	117.1
40°	126.0	123.3	120.6	119.6	118.7	117.5	116.6	116.8	117.1	117.3	117.5
42.5°	124.4	121.7	118.9	118.1	117.3	116.6	115.8	116.0	116.4	116.6	116.8
45°	122.5	120.2	117.9	116.6	115.4	114.1	112.7	113.9	115.0	116.0	117.1
47.5°	118.7	116.2	113.9	113.1	112.4	111.4	110.6	111.8	112.9	113.9	115.0
50°	114.7	112.7	110.6	110.4	110.2	109.9	109.7	110.4	111.2	112.0	112.7
52.5°	111.6	110.1	108.3	108.3	108.1	108.1	107.9	108.7	109.5	110.1	110.8
55°	108.1	106.8	105.4	105.6	106.0	106.2	106.4	107.2	108.1	108.9	109.7
57.5°	103.7	102.8	101.6	102.4	103.0	103.7	104.3	104.9	105.6	106.2	106.8
60°	99.5	98.5	97.4	98.2	99.1	99.9	100.7	101.2	101.8	102.4	103.0
62.5°	94.3	92.8	91.5	92.6	93.6	94.7	95.7	96.1	96.6	97.0	97.4
65°	88.8	87.4	86.1	86.9	87.6	88.2	89.0	89.5	90.1	90.7	91.3
67.5°	82.4	81.7	80.7	81.3	81.9	82.4	83.0	83.2	83.2	83.4	83.4
70°	75.0	74.4	73.6	74.0	74.6	75.0	75.3	75.3	75.3	75.2	75.2
72.5°	67.1	66.7	66.3	66.5	66.9	67.1	67.3	67.1	66.9	66.7	66.5
75°	58.3	58.1	57.9	58.1	58.5	58.7	58.9	58.7	58.3	58.1	57.7
77.5°	49.5	49.5	49.5	49.5	49.7	49.7	49.7	49.3	48.9	48.5	48.1
80°	39.7	39.9	40.1	40.1	40.1	40.1	40.1	39.7	39.3	38.7	38.3
82.5°	30.7	30.7	30.7	30.7	30.9	30.9	30.9	29.9	29.1	28.2	27.2
85°	19.2	19.4	19.4	19.6	19.7	19.7	19.9	18.6	17.4	16.1	14.8
87.5°	5.2	5.2	5.2	5.2	5.2	5.0	5.0	3.8	2.5	1.3	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: P596180
 CATALOG NUMBER: MSA-SA1C-722-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: P596180
 CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6
2.5°	413.0	414.1	415.1	416.2	416.4	416.6	416.6	416.8	412.8	408.8	404.5
5°	417.8	420.5	423.3	426.0	425.4	424.9	424.3	423.7	422.6	421.6	420.5
7.5°	336.7	334.8	332.6	330.5	332.3	334.0	335.7	337.4	338.2	339.0	339.5
10°	292.6	287.8	283.0	278.2	275.5	272.6	270.0	267.1	266.7	266.5	266.1
12.5°	254.6	249.4	244.5	239.3	237.7	236.0	234.5	232.8	234.3	235.8	237.2
15°	210.1	208.2	206.1	204.0	205.7	207.4	209.2	210.9	212.4	213.8	215.3
17.5°	179.1	178.3	177.3	176.4	177.9	179.6	181.2	182.7	186.2	189.6	193.1
20°	158.7	158.2	157.4	156.6	156.1	155.3	154.7	154.0	158.9	163.7	168.7
22.5°	146.7	145.5	144.4	143.2	143.4	143.6	143.6	143.8	147.8	152.0	156.1
25°	131.5	131.1	130.8	130.4	131.5	132.7	133.6	134.8	138.4	142.1	145.5
27.5°	123.9	124.0	124.2	124.4	126.0	127.7	129.2	130.8	133.3	135.7	138.2
30°	119.6	120.8	121.7	122.7	123.3	123.9	124.4	125.0	127.5	129.8	132.3
32.5°	126.0	124.4	122.7	121.2	121.9	122.9	123.7	124.4	126.7	129.0	131.3
35°	120.0	119.3	118.7	117.9	118.9	119.8	120.6	121.6	123.7	125.6	127.7
37.5°	117.0	116.8	116.6	116.4	117.0	117.5	117.9	118.5	120.4	122.3	124.0
40°	116.8	115.8	115.0	114.1	114.7	115.2	115.6	116.2	118.5	120.8	123.1
42.5°	115.6	114.5	113.1	112.0	112.5	113.3	113.9	114.5	117.0	119.3	121.7
45°	115.4	113.7	111.8	110.1	110.8	111.6	112.4	113.1	115.0	117.0	118.7
47.5°	113.3	111.6	109.9	108.1	108.5	108.9	109.1	109.5	111.2	112.7	114.5
50°	111.6	110.2	109.1	107.8	107.2	106.8	106.2	105.6	107.0	108.3	109.7
52.5°	109.5	108.1	106.6	105.3	104.5	103.7	103.0	102.2	103.3	104.3	105.4
55°	108.1	106.4	104.9	103.1	102.2	101.2	100.3	99.3	100.1	100.7	101.4
57.5°	105.3	103.7	102.0	100.5	99.3	98.2	96.8	95.7	96.1	96.4	96.8
60°	101.4	99.7	98.2	96.4	95.1	93.8	92.2	90.9	91.1	91.5	91.6
62.5°	95.9	94.3	92.6	91.1	89.5	88.2	86.7	85.1	85.5	85.7	86.1
65°	89.7	88.0	86.5	84.7	83.4	82.1	80.5	79.2	79.6	80.0	80.1
67.5°	82.3	80.9	79.8	78.4	77.3	75.9	74.8	73.4	73.6	73.8	74.0
70°	74.2	73.0	72.1	70.9	70.0	69.0	68.1	67.1	67.1	67.3	67.3
72.5°	65.6	64.6	63.7	62.7	61.7	61.0	60.0	59.1	59.4	59.8	60.0
75°	56.8	56.0	55.0	54.1	53.3	52.5	51.6	50.8	51.2	51.6	51.8
77.5°	47.5	47.0	46.2	45.6	44.9	44.1	43.1	42.4	42.8	43.1	43.3
80°	38.0	37.6	37.0	36.6	35.9	35.1	34.3	33.6	33.7	33.7	33.9
82.5°	27.4	27.6	27.6	27.8	27.2	26.5	25.9	25.1	25.1	25.1	24.9
85°	15.3	16.1	16.7	17.3	16.7	16.1	15.5	15.0	14.8	14.8	14.6
87.5°	0.6	1.0	1.5	1.9	1.7	1.5	1.2	1.0	1.2	1.3	1.3
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: P596180
 CATALOG NUMBER: MSA-SA1C-722-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: P596180
 CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6
2.5°	400.5	403.8	407.0	410.3	413.6	418.5	423.5	428.7	433.9	431.0	427.9
5°	419.3	421.2	423.3	425.2	427.2	432.7	438.1	444.8	451.3	450.6	449.6
7.5°	340.3	343.0	345.7	348.2	350.9	359.3	367.7	374.8	381.9	381.0	379.8
10°	265.7	271.3	277.0	282.6	288.2	295.1	301.8	307.7	313.7	323.6	333.4
12.5°	238.7	247.3	256.0	264.6	273.2	278.2	283.0	290.7	298.3	303.7	309.3
15°	216.7	224.7	232.8	240.8	248.9	249.2	249.6	257.7	265.7	270.3	274.7
17.5°	196.5	200.9	205.3	209.6	214.0	212.4	210.9	214.7	218.4	220.3	222.4
20°	173.5	176.6	179.6	182.7	185.8	187.9	189.8	192.1	194.2	192.3	190.2
22.5°	160.1	164.7	169.5	174.1	178.7	180.0	181.2	179.8	178.5	177.9	177.3
25°	149.2	154.7	160.5	166.0	171.6	174.3	177.0	178.1	179.1	177.0	174.9
27.5°	140.7	147.4	154.0	160.7	167.2	172.0	176.8	178.1	179.3	177.7	176.0
30°	134.6	141.9	149.2	156.4	163.7	171.0	178.1	184.4	190.6	190.0	189.4
32.5°	133.6	138.6	143.6	148.6	153.6	158.2	162.6	163.0	163.2	161.6	159.9
35°	129.6	132.9	136.1	139.4	142.6	145.5	148.2	147.8	147.4	145.9	144.4
37.5°	126.0	129.2	132.7	135.9	139.2	144.2	149.0	148.0	146.9	145.3	143.8
40°	125.4	129.0	132.7	136.1	139.8	144.4	149.0	148.0	147.1	145.1	143.2
42.5°	124.0	127.7	131.1	134.8	138.2	143.8	149.2	147.4	145.5	144.0	142.5
45°	120.6	123.9	127.1	130.4	133.6	139.6	145.5	143.4	141.3	140.7	140.0
47.5°	116.0	119.3	122.5	125.8	129.0	135.0	140.7	139.0	137.1	136.9	136.5
50°	111.0	114.1	117.3	120.4	123.5	129.4	135.2	133.6	132.1	132.3	132.3
52.5°	106.4	109.3	112.0	114.8	117.5	123.5	129.2	128.1	126.7	127.1	127.3
55°	102.0	104.3	106.6	108.9	111.2	117.0	122.7	121.0	119.3	119.8	120.4
57.5°	97.2	99.1	101.0	102.8	104.7	110.4	116.0	114.1	112.0	112.9	113.7
60°	91.8	93.6	95.3	96.8	98.5	103.7	108.7	107.0	105.1	106.4	107.6
62.5°	86.3	87.6	89.0	90.3	91.6	96.4	101.2	99.9	98.5	100.1	101.4
65°	80.5	81.5	82.6	83.6	84.6	89.2	93.6	92.6	91.6	93.0	94.3
67.5°	74.2	75.0	75.9	76.7	77.5	81.7	85.9	84.9	83.8	84.9	85.9
70°	67.3	68.1	68.6	69.4	70.0	73.8	77.6	76.3	74.8	75.9	76.9
72.5°	60.4	60.8	61.4	61.7	62.1	65.0	67.9	66.7	65.6	66.7	67.7
75°	52.1	52.5	52.9	53.3	53.7	56.2	58.5	57.1	55.6	56.8	57.9
77.5°	43.7	43.9	44.3	44.5	44.7	46.4	47.9	46.6	45.1	46.4	47.7
80°	33.9	34.1	34.3	34.3	34.5	35.1	35.7	34.7	33.6	35.3	37.0
82.5°	24.9	24.7	24.7	24.5	24.3	24.3	24.2	23.6	22.8	24.3	25.9
85°	14.4	14.2	13.8	13.6	13.2	12.7	12.1	11.9	11.7	13.0	14.4
87.5°	1.5	1.3	1.0	0.8	0.4	0.2	0.0	0.0	0.0	0.8	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: P596180
 CATALOG NUMBER: MSA-SA1C-722-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: P596180

CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6
2.5°	425.1	422.0	419.1	416.2	413.4	410.5	415.9	421.2	426.6	432.0	436.8
5°	448.8	447.9	445.4	443.1	440.6	438.1	439.4	441.0	442.3	443.7	446.5
7.5°	378.9	377.7	383.1	388.2	393.6	398.8	400.1	401.3	402.6	403.8	403.0
10°	343.4	353.2	355.7	358.0	360.4	362.7	366.6	370.4	374.1	377.9	380.0
12.5°	314.6	320.0	328.8	337.8	346.6	355.5	361.2	367.0	372.7	378.5	390.4
15°	279.3	283.8	290.5	297.2	303.9	310.6	318.8	327.3	335.5	343.8	356.8
17.5°	224.3	226.2	231.2	236.2	241.0	246.0	257.1	268.0	279.2	290.1	305.0
20°	188.3	186.2	186.2	186.4	186.4	186.4	197.5	208.4	219.5	230.5	250.2
22.5°	176.6	176.0	173.9	171.6	169.5	167.2	172.9	178.9	184.6	190.4	206.5
25°	172.6	170.4	167.8	165.1	162.4	159.7	163.4	167.0	170.6	174.3	186.9
27.5°	174.5	172.7	174.1	175.2	176.6	177.7	178.9	180.0	181.2	182.3	186.7
30°	188.9	188.3	190.4	192.3	194.4	196.3	193.6	191.2	188.5	185.8	187.3
32.5°	158.4	156.6	155.9	155.1	154.3	153.6	153.4	153.2	152.8	152.6	156.1
35°	142.8	141.3	140.2	139.0	137.7	136.5	137.1	137.5	138.0	138.4	142.3
37.5°	142.3	140.7	139.4	138.0	136.5	135.2	135.7	136.5	137.1	137.7	140.5
40°	141.3	139.4	138.6	137.9	137.1	136.3	136.7	137.1	137.3	137.7	139.8
42.5°	140.7	139.2	138.8	138.4	138.0	137.7	138.0	138.4	138.6	139.0	141.5
45°	139.4	138.6	139.0	139.4	139.8	140.2	140.2	140.2	140.2	140.2	142.8
47.5°	136.3	135.9	137.1	138.2	139.4	140.5	142.5	144.4	146.1	148.0	148.6
50°	132.5	132.5	134.4	136.3	138.0	140.0	144.6	149.0	153.6	158.0	155.1
52.5°	127.7	127.9	130.8	133.4	136.3	139.0	143.2	147.4	151.5	155.7	151.5
55°	120.8	121.4	125.0	128.5	132.1	135.6	138.8	142.1	145.3	148.6	144.2
57.5°	114.7	115.4	119.3	122.9	126.7	130.4	132.3	134.4	136.3	138.2	135.4
60°	108.9	110.1	115.0	120.0	124.8	129.8	128.3	126.7	125.0	123.5	123.3
62.5°	103.0	104.3	108.9	113.5	117.9	122.5	120.2	117.9	115.4	113.1	114.1
65°	95.5	96.8	98.9	101.0	103.0	105.1	104.9	104.9	104.7	104.5	106.4
67.5°	87.0	88.0	89.3	90.5	91.8	93.0	93.8	94.7	95.5	96.2	98.5
70°	78.0	79.0	80.3	81.5	82.8	84.0	84.9	85.9	86.7	87.6	89.9
72.5°	68.8	69.8	71.1	72.5	73.6	75.0	75.7	76.5	77.1	77.8	79.8
75°	59.1	60.2	61.5	62.7	64.0	65.2	65.8	66.3	66.9	67.5	69.2
77.5°	49.1	50.4	51.8	53.1	54.5	55.8	56.0	56.2	56.4	56.6	58.1
80°	38.5	40.3	41.6	42.9	44.3	45.6	45.6	45.6	45.6	45.6	46.4
82.5°	27.4	29.0	30.5	31.8	33.4	34.7	34.7	34.5	34.5	34.3	34.3
85°	15.7	17.1	18.0	19.2	20.1	21.1	21.1	21.1	20.9	20.9	20.5
87.5°	2.5	3.3	3.6	4.2	4.6	5.0	4.8	4.8	4.6	4.4	3.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596180
 CATALOG NUMBER: MSA-SA1C-722-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: P596180
 CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6
2.5°	441.5	446.3	451.1	450.4	449.6	448.8	448.1	450.9	453.6	456.5	459.2
5°	449.2	452.1	454.8	456.9	459.0	461.1	463.2	473.0	482.6	492.4	501.9
7.5°	402.2	401.3	400.5	409.5	418.7	427.7	436.8	449.2	461.7	474.1	486.6
10°	382.1	384.2	386.3	390.0	393.8	397.4	401.1	413.4	425.6	437.9	450.2
12.5°	402.1	413.9	425.6	428.5	431.6	434.5	437.3	439.8	442.3	444.6	447.1
15°	369.8	382.9	395.9	403.4	410.9	418.2	425.6	444.4	463.0	481.8	500.4
17.5°	319.8	334.8	349.5	367.9	386.3	404.7	423.1	440.4	457.7	474.7	492.0
20°	270.0	289.5	309.3	329.4	349.3	369.5	389.4	406.3	423.1	439.8	456.7
22.5°	222.4	238.5	254.4	279.0	303.3	327.9	352.2	383.6	414.9	446.3	477.6
25°	199.4	212.0	224.5	249.8	275.1	300.2	325.6	366.4	407.0	447.9	488.5
27.5°	191.3	195.8	200.2	223.2	246.0	269.0	291.8	335.9	380.0	423.9	468.0
30°	188.9	190.4	191.9	209.9	228.0	246.0	264.0	307.5	351.2	394.8	438.3
32.5°	159.3	162.8	166.0	183.7	201.1	218.8	236.2	280.1	323.8	367.7	411.4
35°	146.1	149.9	153.8	171.0	188.3	205.3	222.6	268.8	315.2	361.4	407.6
37.5°	143.4	146.3	149.2	168.7	188.3	207.8	227.4	274.2	321.0	367.7	414.5
40°	142.1	144.2	146.3	165.3	184.4	203.4	222.4	271.5	320.4	369.5	418.3
42.5°	143.8	146.3	148.6	165.8	182.9	200.2	217.2	268.0	318.6	369.5	420.1
45°	145.3	148.0	150.5	166.6	182.7	198.8	214.9	269.2	323.3	377.5	431.6
47.5°	149.0	149.5	149.9	163.9	177.7	191.7	205.5	260.7	316.0	371.0	426.2
50°	152.0	149.2	146.1	160.7	175.0	189.6	204.0	256.3	308.7	360.8	413.2
52.5°	147.2	142.8	138.6	154.3	170.1	185.6	201.3	253.7	306.2	358.5	410.9
55°	140.0	135.6	131.1	147.1	163.0	178.9	194.8	246.9	299.3	351.4	403.6
57.5°	132.7	129.8	126.9	140.0	153.2	166.2	179.3	235.8	292.2	348.8	405.1
60°	123.1	122.7	122.5	132.7	143.0	153.2	163.4	218.8	274.0	329.4	384.6
62.5°	114.8	115.8	116.6	124.8	133.1	141.1	149.4	202.8	256.5	310.0	363.5
65°	108.5	110.4	112.4	121.7	131.1	140.3	149.7	194.6	239.5	284.3	329.2
67.5°	100.8	103.1	105.4	117.7	130.0	142.3	154.5	191.5	228.5	265.5	302.5
70°	92.0	94.3	96.4	112.2	127.7	143.4	158.9	191.7	224.7	257.5	290.3
72.5°	81.7	83.6	85.5	102.4	119.3	136.1	153.0	180.8	208.6	236.2	264.0
75°	71.1	72.9	74.6	89.2	103.7	118.3	132.9	154.3	175.6	197.1	218.4
77.5°	59.4	61.0	62.3	72.1	81.9	91.6	101.4	117.9	134.2	150.7	167.0
80°	47.2	47.9	48.7	54.5	60.0	65.8	71.3	82.3	93.2	103.9	114.8
82.5°	34.5	34.5	34.5	38.2	42.0	45.6	49.3	54.8	60.2	65.8	71.1
85°	20.1	19.6	19.2	21.7	24.2	26.7	29.1	31.4	33.7	36.0	38.3
87.5°	3.3	2.5	1.9	3.5	5.0	6.5	8.1	8.8	9.8	10.5	11.3
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: P596180
 CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P596180

CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6
2.5°	452.7	446.3	439.8	433.3	442.9	452.5	462.1	471.6	497.1	512.3	513.3
5°	510.0	518.0	526.1	534.2	542.2	550.3	558.1	566.2	607.6	633.1	637.9
7.5°	499.8	513.3	526.5	539.7	562.5	585.3	608.2	631.0	666.1	691.4	708.0
10°	466.7	483.2	499.6	516.1	543.2	570.4	597.4	624.5	661.6	695.0	710.9
12.5°	473.4	499.6	525.7	552.0	575.4	599.0	622.3	645.7	671.4	684.1	713.0
15°	518.6	536.8	555.0	573.3	608.5	643.6	678.9	714.0	728.6	757.5	783.6
17.5°	525.5	558.9	592.4	625.8	668.9	712.1	755.2	798.3	825.4	862.8	894.2
20°	504.0	551.2	598.6	645.7	701.3	757.1	812.7	868.3	902.6	934.1	982.8
22.5°	529.7	581.9	633.8	686.0	759.8	833.4	907.3	980.9	1052.6	1122.8	1155.7
25°	558.1	627.9	697.5	767.1	859.3	951.3	1043.6	1135.6	1227.8	1293.6	1331.5
27.5°	538.2	608.2	678.3	748.3	862.4	976.7	1090.7	1204.8	1303.5	1382.7	1415.3
30°	524.2	610.1	696.0	781.9	915.7	1049.5	1183.3	1317.2	1408.4	1496.8	1544.7
32.5°	521.7	631.9	742.0	852.2	1008.1	1163.8	1319.7	1475.3	1535.9	1614.3	1679.0
35°	528.6	649.8	770.7	891.7	1070.4	1249.1	1427.6	1606.3	1692.4	1770.0	1826.6
37.5°	549.7	684.8	819.8	955.0	1170.3	1385.8	1601.1	1816.4	1960.8	2102.9	2128.2
40°	561.6	705.0	848.2	991.4	1241.8	1492.2	1742.6	1993.0	2159.0	2314.9	2325.5
42.5°	575.6	731.1	886.4	1041.8	1319.5	1597.3	1874.9	2152.5	2358.0	2525.6	2530.6
45°	591.7	751.6	911.7	1071.6	1361.5	1651.2	1941.0	2230.7	2479.2	2682.8	2633.2
47.5°	598.0	770.0	941.8	1113.5	1422.6	1731.5	2040.5	2349.4	2572.4	2757.6	2710.1
50°	600.5	788.0	975.3	1162.6	1482.8	1803.2	2123.4	2443.6	2670.4	2851.0	2778.1
52.5°	616.0	821.2	1026.3	1231.5	1565.1	1898.7	2232.3	2565.9	2789.0	2962.6	2872.1
55°	636.9	870.2	1103.4	1336.7	1682.0	2027.1	2372.4	2717.5	2941.5	3102.9	2990.7
57.5°	656.3	907.6	1158.8	1410.0	1767.7	2125.7	2483.4	2841.2	3068.0	3227.7	3119.0
60°	646.9	909.2	1171.4	1433.7	1785.4	2136.8	2488.4	2839.9	3097.3	3288.9	3233.3
62.5°	618.5	873.5	1128.3	1383.3	1717.1	2050.7	2384.5	2718.1	3019.5	3265.1	3262.6
65°	563.9	798.5	1033.0	1267.7	1576.6	1885.6	2194.5	2503.4	2858.6	3157.0	3176.3
67.5°	497.3	692.1	886.9	1081.7	1372.6	1663.4	1954.3	2245.1	2624.9	2954.1	2970.8
70°	432.9	575.8	718.4	861.0	1116.4	1371.8	1627.0	1882.4	2266.0	2599.0	2614.4
72.5°	357.4	450.7	543.9	637.3	844.2	1051.0	1257.7	1464.6	1801.5	2057.6	2144.1
75°	273.8	329.2	384.6	440.0	607.4	774.8	942.0	1109.3	1333.3	1522.3	1619.7
77.5°	195.8	224.5	253.3	282.0	424.3	566.6	708.6	850.9	968.6	1075.8	1141.5
80°	128.5	141.9	155.5	168.9	287.2	405.5	523.6	641.9	713.6	771.1	804.3
82.5°	77.8	84.6	91.1	97.8	193.6	289.5	385.2	481.0	522.1	549.5	579.0
85°	42.0	45.6	49.3	52.9	114.5	175.8	237.4	298.7	302.7	306.0	349.9
87.5°	12.3	13.4	14.4	15.3	25.3	35.5	45.4	55.4	34.5	21.5	44.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596180
 CATALOG NUMBER: MSA-SA1C-722-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: P596180

CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6
2.5°	507.7	505.2	502.7	500.0	497.5	487.0	476.6	466.1	455.5	465.7	475.7
5°	632.3	640.0	647.5	655.1	662.8	663.4	663.8	664.3	664.7	666.6	668.6
7.5°	722.0	735.7	749.1	762.7	776.3	786.8	797.4	808.1	818.7	809.1	799.5
10°	729.7	758.5	787.2	816.0	844.7	849.9	854.9	860.1	865.3	872.2	878.9
12.5°	737.4	772.5	807.4	842.4	877.5	892.9	908.0	923.4	938.5	946.0	953.3
15°	818.5	839.2	859.7	880.4	900.9	911.5	921.8	932.4	942.9	949.2	955.4
17.5°	922.8	930.4	937.9	945.6	953.3	960.4	967.5	974.5	981.6	982.8	983.9
20°	1017.9	1019.4	1020.8	1022.3	1023.6	1008.7	993.9	979.0	964.0	966.7	969.2
22.5°	1160.5	1152.1	1143.8	1135.4	1127.2	1099.0	1071.0	1042.8	1014.8	1002.7	990.8
25°	1375.3	1353.8	1332.3	1310.8	1289.4	1244.5	1199.8	1155.0	1110.3	1084.0	1057.9
27.5°	1444.5	1397.7	1351.1	1304.3	1257.5	1223.6	1189.9	1155.9	1122.2	1080.6	1039.0
30°	1584.4	1510.6	1437.0	1363.2	1289.4	1256.6	1223.8	1190.8	1158.0	1115.5	1073.1
32.5°	1708.5	1631.8	1555.1	1478.2	1401.5	1339.4	1277.3	1215.2	1153.0	1124.3	1095.5
35°	1852.1	1755.6	1659.2	1562.8	1466.3	1413.0	1359.9	1306.6	1253.5	1210.0	1166.7
37.5°	2061.3	1958.7	1856.1	1753.3	1650.8	1578.7	1506.8	1434.7	1362.8	1338.8	1315.1
40°	2260.6	2139.5	2018.5	1897.3	1776.3	1721.1	1665.9	1610.5	1555.3	1514.8	1474.4
42.5°	2427.6	2307.8	2188.2	2068.3	1948.7	1908.4	1868.4	1828.1	1788.0	1754.7	1721.3
45°	2485.0	2387.2	2289.6	2191.8	2094.0	2079.9	2065.9	2051.7	2037.7	2012.9	1988.2
47.5°	2577.2	2477.5	2378.0	2278.3	2178.6	2183.8	2188.9	2194.3	2199.5	2200.8	2202.0
50°	2631.4	2536.7	2442.2	2347.5	2253.0	2278.1	2303.0	2328.1	2353.3	2410.2	2466.9
52.5°	2710.6	2617.6	2524.8	2431.9	2338.9	2381.4	2423.8	2466.4	2508.7	2588.5	2668.3
55°	2809.9	2721.0	2632.2	2543.3	2454.5	2495.9	2537.1	2578.5	2619.8	2708.5	2797.3
57.5°	2941.7	2846.4	2751.3	2656.0	2560.9	2599.0	2637.0	2675.2	2713.1	2797.5	2881.8
60°	3091.6	2988.1	2884.5	2780.8	2677.3	2687.8	2698.2	2708.7	2719.1	2810.5	2901.8
62.5°	3165.2	3069.4	2973.7	2877.8	2782.0	2752.6	2723.3	2693.8	2664.4	2746.3	2828.0
65°	3101.4	3035.4	2969.7	2903.7	2837.7	2786.0	2734.4	2682.6	2630.9	2682.1	2733.1
67.5°	2898.1	2860.8	2823.6	2786.2	2748.8	2661.9	2575.1	2488.0	2401.2	2404.6	2407.9
70°	2568.8	2558.8	2549.0	2539.0	2529.1	2398.5	2268.1	2137.6	2007.0	1987.1	1967.1
72.5°	2151.4	2157.9	2164.2	2170.7	2177.2	2036.9	1896.6	1756.2	1615.9	1582.7	1549.5
75°	1666.3	1702.3	1738.4	1774.6	1810.7	1676.5	1542.2	1407.8	1273.6	1232.8	1192.0
77.5°	1177.4	1244.7	1311.8	1379.1	1446.4	1325.0	1203.9	1082.5	961.1	934.7	908.2
80°	821.0	854.0	886.9	919.9	952.9	891.9	830.9	770.0	709.0	716.3	723.4
82.5°	598.0	605.7	613.1	620.8	628.5	603.6	578.6	553.5	528.6	547.6	566.6
85°	383.1	410.5	437.7	465.1	492.4	464.7	437.1	409.3	381.7	394.4	407.0
87.5°	85.7	135.6	185.4	235.4	285.3	258.4	231.8	205.0	178.1	166.0	154.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596180
 CATALOG NUMBER: MSA-SA1C-722-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: P596180

CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6
2.5°	485.8	496.0	492.9	490.1	487.0	483.9	489.5	495.0	500.8	506.4	504.4
5°	670.7	672.6	654.4	636.3	618.1	599.9	611.2	622.5	633.8	645.2	641.1
7.5°	789.9	780.3	769.8	759.2	748.5	738.0	735.7	733.4	730.9	728.6	725.5
10°	885.8	892.5	885.6	878.9	872.0	865.1	849.0	832.9	816.6	800.5	793.7
12.5°	960.7	968.2	969.9	971.5	973.2	974.9	956.9	939.1	921.1	903.0	886.7
15°	961.7	968.0	973.6	979.0	984.5	989.9	978.8	967.8	956.7	945.6	940.4
17.5°	985.3	986.4	981.8	977.4	972.8	968.4	964.0	959.8	955.4	951.2	942.9
20°	971.9	974.5	974.0	973.4	972.6	972.1	972.4	972.6	973.0	973.2	968.6
22.5°	978.8	966.7	969.2	971.5	974.0	976.3	983.2	990.1	997.2	1004.1	1022.5
25°	1031.7	1005.4	1001.4	997.6	993.5	989.7	1007.7	1025.5	1043.6	1061.6	1091.5
27.5°	997.2	955.6	946.4	937.2	928.0	918.8	946.2	973.4	1000.8	1028.2	1058.7
30°	1030.5	988.2	967.8	947.5	927.0	906.7	932.9	959.0	985.3	1011.4	1045.1
32.5°	1066.8	1038.0	1024.4	1011.0	997.4	983.9	986.1	988.2	990.3	992.4	1039.9
35°	1123.1	1079.6	1066.2	1052.8	1039.4	1025.9	1048.4	1070.6	1093.0	1115.3	1155.5
37.5°	1291.1	1267.1	1243.0	1218.8	1194.5	1170.3	1183.5	1196.8	1210.0	1223.2	1261.2
40°	1433.9	1393.5	1389.4	1385.6	1381.6	1377.6	1378.7	1379.7	1380.8	1382.0	1414.4
42.5°	1687.8	1654.4	1633.9	1613.4	1592.9	1572.4	1571.0	1569.7	1568.1	1566.8	1591.1
45°	1963.3	1938.5	1923.2	1907.9	1892.3	1877.0	1852.7	1828.3	1803.8	1779.4	1800.7
47.5°	2203.3	2204.7	2232.5	2260.1	2287.9	2315.7	2274.1	2232.5	2190.9	2149.3	2121.8
50°	2523.9	2580.6	2587.4	2593.9	2600.6	2607.3	2536.7	2466.4	2395.8	2325.3	2296.5
52.5°	2748.2	2828.0	2817.6	2807.5	2797.1	2786.7	2745.9	2705.3	2664.4	2623.6	2560.9
55°	2886.3	2975.0	2967.2	2959.5	2951.6	2943.8	2914.1	2884.3	2854.6	2824.9	2756.1
57.5°	2966.2	3050.6	3052.9	3055.2	3057.5	3059.8	3051.9	3044.0	3036.2	3028.3	2938.8
60°	2993.2	3084.7	3085.6	3086.4	3087.4	3088.1	3075.7	3063.2	3050.6	3038.1	2979.6
62.5°	2909.8	2991.5	2995.2	2998.6	3002.2	3005.9	2997.3	2988.6	2980.0	2971.4	2928.0
65°	2784.3	2835.4	2836.4	2837.2	2838.1	2839.1	2817.2	2795.6	2773.7	2751.9	2741.5
67.5°	2411.3	2414.8	2435.1	2455.4	2475.8	2496.1	2497.8	2499.5	2501.5	2503.2	2488.2
70°	1947.2	1927.2	1949.3	1971.3	1993.4	2015.4	2024.8	2034.2	2043.8	2053.2	2060.1
72.5°	1516.2	1483.0	1499.3	1515.6	1532.1	1548.4	1534.4	1520.4	1506.4	1492.4	1536.7
75°	1151.1	1110.3	1108.2	1106.3	1104.2	1102.2	1095.1	1088.0	1080.8	1073.7	1115.1
77.5°	881.6	855.1	856.4	857.6	858.9	860.1	852.8	845.7	838.4	831.1	847.0
80°	730.7	737.8	738.0	738.1	738.3	738.5	731.6	724.9	718.0	711.1	699.6
82.5°	585.7	604.7	604.5	604.5	604.3	604.1	603.7	603.4	602.8	602.4	583.6
85°	419.7	432.3	419.3	406.3	393.2	380.2	389.8	399.4	409.1	418.7	410.9
87.5°	142.1	130.2	114.7	99.3	83.8	68.3	84.9	101.6	118.5	135.2	144.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596180
 CATALOG NUMBER: MSA-SA1C-722-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: P596180

CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6	416.6
2.5°	502.7	500.8	499.1	487.0	474.7	462.6	450.4	472.6	495.0	517.3	539.5
5°	637.3	633.3	629.4	628.5	627.5	626.4	625.4	636.7	648.0	659.2	670.5
7.5°	722.4	719.4	716.3	708.2	700.4	692.3	684.3	691.2	697.9	704.8	711.5
10°	787.2	780.5	773.8	756.4	739.1	721.7	704.2	699.0	693.9	688.7	683.5
12.5°	870.4	854.0	837.7	817.9	798.0	778.2	758.3	755.6	752.9	750.4	747.7
15°	935.4	930.3	925.1	909.4	893.6	877.9	862.2	841.1	819.8	798.7	777.6
17.5°	934.9	926.6	918.6	939.7	960.6	981.6	1002.5	980.1	957.5	935.1	912.6
20°	964.0	959.2	954.6	993.5	1032.3	1071.2	1109.9	1097.6	1085.2	1072.9	1060.4
22.5°	1040.7	1059.1	1077.3	1110.7	1143.8	1177.2	1210.4	1224.4	1238.4	1252.4	1266.4
25°	1121.2	1151.1	1181.0	1230.7	1280.2	1329.8	1379.5	1389.4	1399.4	1409.4	1419.4
27.5°	1089.0	1119.5	1150.0	1187.6	1224.9	1262.5	1299.9	1343.6	1387.5	1431.2	1475.0
30°	1078.7	1112.4	1146.0	1197.5	1248.9	1300.5	1352.1	1412.3	1472.5	1532.5	1592.7
32.5°	1087.3	1134.8	1182.4	1252.2	1321.8	1391.6	1461.3	1524.6	1588.1	1651.3	1714.6
35°	1195.6	1235.9	1275.9	1354.0	1432.0	1510.0	1588.1	1662.3	1736.5	1810.5	1884.7
37.5°	1298.9	1336.9	1374.9	1454.6	1534.2	1614.0	1693.7	1810.9	1928.2	2045.3	2162.5
40°	1446.6	1479.0	1511.2	1579.4	1647.7	1716.0	1784.2	1925.5	2066.8	2208.1	2349.4
42.5°	1615.3	1639.6	1663.8	1734.6	1805.3	1876.0	1946.8	2100.6	2254.5	2408.3	2562.0
45°	1821.8	1843.1	1864.4	1913.0	1961.7	2010.6	2059.3	2217.9	2376.5	2535.0	2693.6
47.5°	2094.4	2067.0	2039.6	2063.6	2087.5	2111.5	2135.5	2292.3	2449.1	2605.8	2762.6
50°	2267.7	2239.0	2210.2	2212.3	2214.3	2216.4	2218.5	2364.8	2511.0	2657.1	2803.4
52.5°	2498.2	2435.3	2372.6	2372.0	2371.5	2370.7	2370.1	2497.6	2625.3	2752.8	2880.3
55°	2687.2	2618.4	2549.6	2536.2	2522.7	2509.1	2495.7	2621.9	2747.8	2874.0	2999.9
57.5°	2849.2	2759.5	2670.0	2648.9	2627.8	2606.7	2585.6	2721.6	2857.7	2993.6	3129.6
60°	2921.3	2862.9	2804.6	2778.7	2752.8	2726.9	2701.0	2816.8	2932.7	3048.3	3164.1
62.5°	2884.9	2841.6	2798.4	2804.4	2810.3	2816.3	2822.2	2888.4	2954.7	3020.8	3087.0
65°	2731.3	2721.0	2710.8	2758.8	2806.7	2854.6	2902.5	2903.5	2904.5	2905.4	2906.4
67.5°	2473.3	2458.3	2443.4	2543.1	2642.6	2742.3	2842.0	2794.6	2747.3	2700.1	2652.7
70°	2066.8	2073.7	2080.4	2216.2	2351.7	2487.5	2623.2	2554.6	2485.7	2417.1	2348.3
72.5°	1581.0	1625.5	1669.7	1810.5	1951.2	2091.9	2232.7	2154.2	2075.6	1997.2	1918.6
75°	1156.5	1197.9	1239.3	1378.3	1517.3	1656.5	1795.5	1702.3	1609.2	1516.2	1423.0
77.5°	863.0	879.1	895.0	1010.6	1126.0	1241.6	1357.0	1263.5	1169.9	1076.5	983.0
80°	688.3	676.8	665.5	729.5	793.6	857.6	921.6	855.3	788.8	722.4	656.1
82.5°	565.0	546.2	527.6	551.4	575.2	599.1	622.9	569.8	516.7	463.6	410.5
85°	403.0	395.1	387.3	394.2	400.9	407.8	414.7	362.9	311.2	259.6	207.8
87.5°	154.1	163.7	173.3	184.2	195.0	205.9	216.7	169.7	122.7	75.9	29.0
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: P596180
 CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P596180
 CATALOG NUMBER: MSA-SA1C-722-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	416.6	416.6
2.5°	548.7	557.9
5°	670.3	670.1
7.5°	708.4	705.2
10°	675.1	666.6
12.5°	722.8	697.7
15°	752.7	727.6
17.5°	874.8	836.9
20°	1015.4	970.1
22.5°	1197.5	1128.7
25°	1337.1	1254.7
27.5°	1426.1	1377.0
30°	1536.5	1480.3
32.5°	1673.2	1631.6
35°	1846.7	1808.6
37.5°	2150.6	2138.5
40°	2335.0	2320.5
42.5°	2562.6	2563.0
45°	2702.2	2710.8
47.5°	2784.4	2806.1
50°	2850.0	2896.4
52.5°	2943.8	3007.2
55°	3084.3	3168.5
57.5°	3201.3	3273.0
60°	3201.3	3238.3
62.5°	3086.0	3084.9
65°	2888.6	2870.5
67.5°	2630.1	2607.5
70°	2313.0	2277.5
72.5°	1874.7	1830.6
75°	1362.6	1302.0
77.5°	954.2	925.3
80°	670.1	684.1
82.5°	430.4	450.4
85°	204.8	201.7
87.5°	24.2	19.4
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: P596180
CATALOG NUMBER: MSA-SA1C-722-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)