

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: P366876

Luminaire Tested: **MSA-SA1C-727-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P366876
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA1C-727-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: 4493 lumens
Efficiency: N/A
Efficacy: 76.2 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

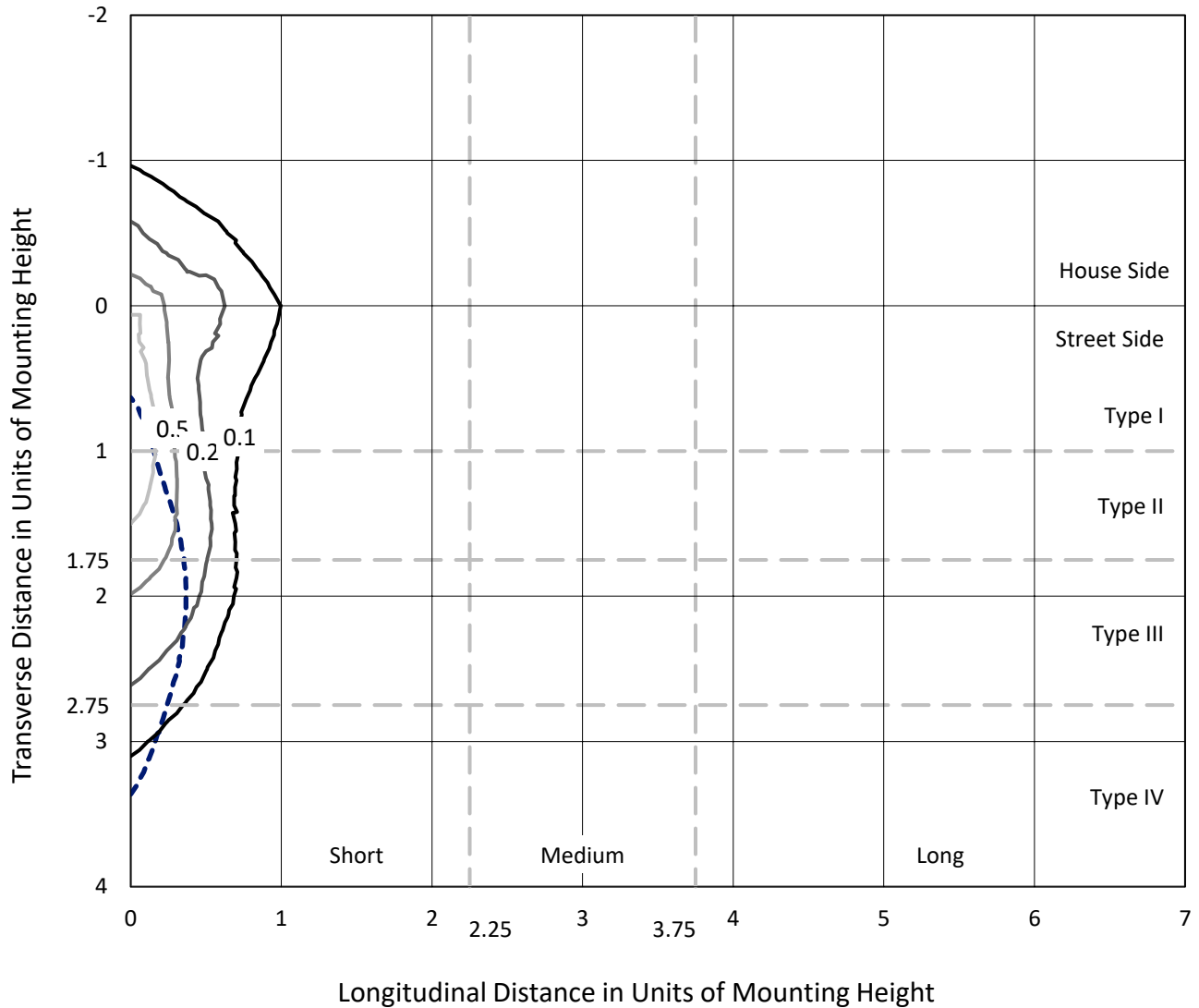
Input Watts (W): 59
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

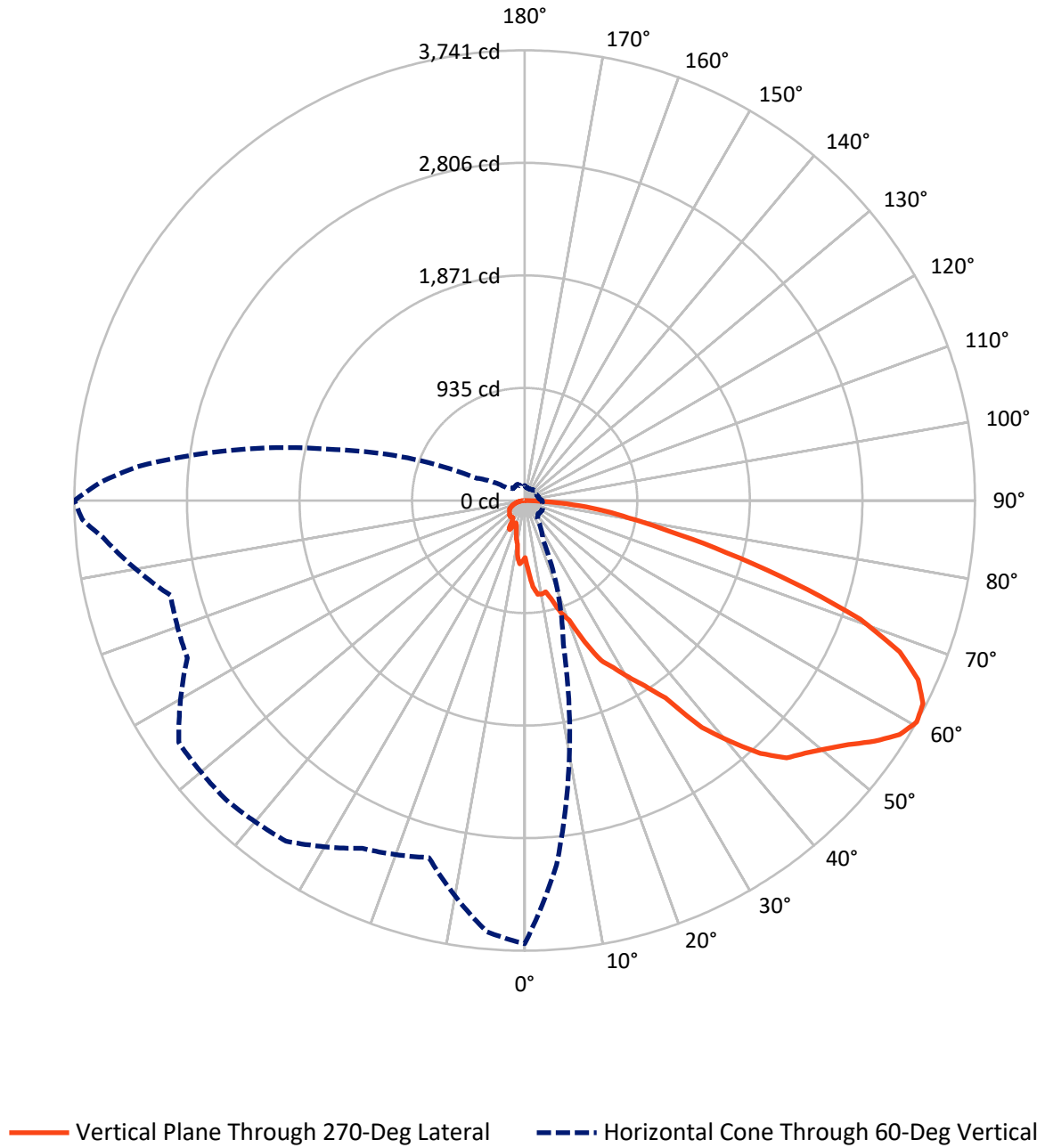
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.9 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	870.2	0.0	870.2
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	3622.8	0.0	3622.8
	% Fixture	80.6	0.0	80.6
Total	Lumens	4493.0	0.0	4493.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.3	1.2
10°-20°	157.9	3.5
20°-30°	278.7	6.2
30°-40°	434.1	9.7
40°-50°	714.6	15.9
50°-60°	1020.0	22.7
60°-70°	1081.5	24.1
70°-80°	597.4	13.3
80°-90°	154.6	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°	4493.0	100.0
0°-180°	4493.0	100.0

Coefficient of Utilization



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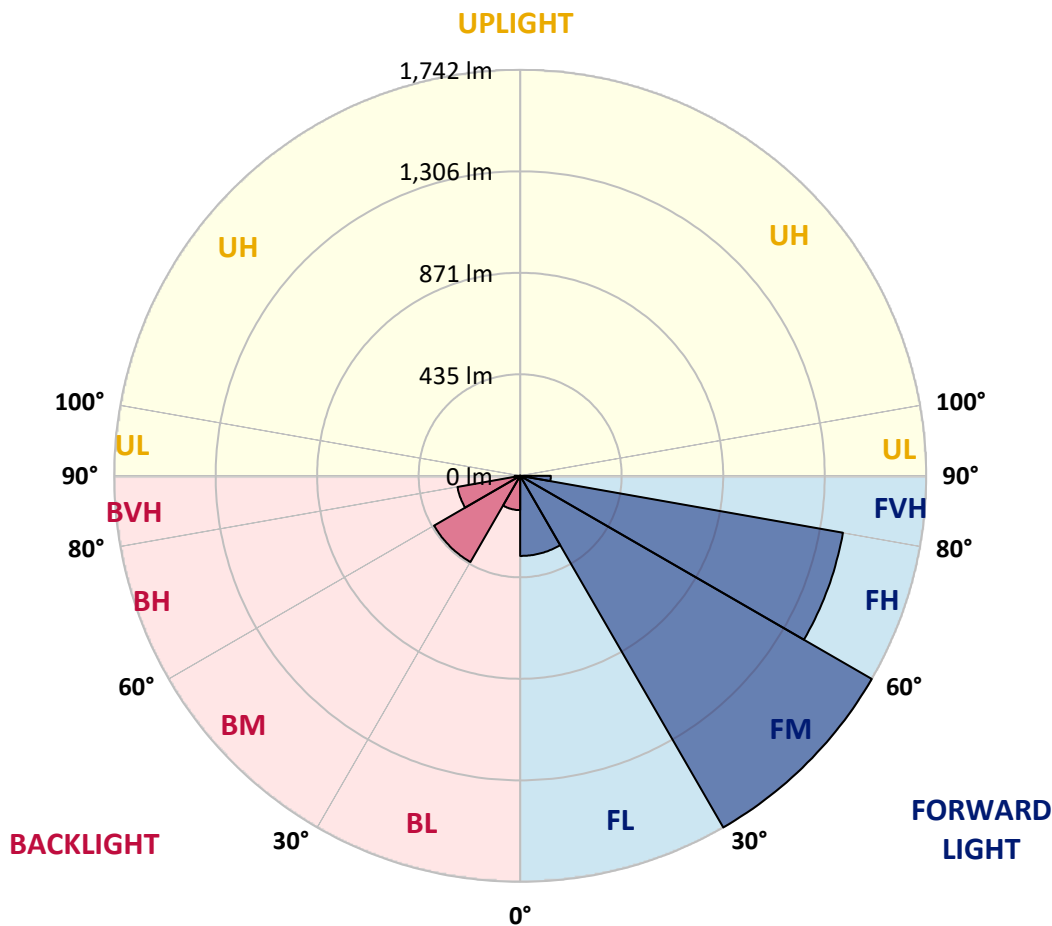
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	343.8	7.7			
FM (30°-60°)	1741.8	38.8			
FH (60°-80°)	1405.9	31.3			G1/1800
FVH (80°-90°)	131.4	2.9			G2/225
BL (0°-30°)	147.1	3.3	B1/500		
BM (30°-60°)	426.9	9.5	B1/1000		
BH (60°-80°)	273.0	6.1	B1/500		G1/500
BVH (80°-90°)	23.2	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9
2.5°	634.6	638.5	642.3	634.8	627.4	619.8	612.4	601.3	589.9	578.8	567.5
5°	762.2	747.8	733.2	727.3	721.6	715.7	709.9	704.4	699.0	693.3	687.8
7.5°	802.1	781.6	760.9	752.2	743.4	734.5	725.8	706.2	686.5	666.7	647.1
10°	758.3	736.9	715.3	706.8	698.1	689.6	680.9	656.9	633.1	609.1	585.1
12.5°	793.6	771.8	749.8	722.7	695.7	668.4	641.4	628.1	614.8	601.3	588.0
15°	827.6	798.2	768.5	741.5	714.4	687.2	660.1	633.5	606.9	580.3	553.7
17.5°	951.9	902.9	853.8	804.9	755.9	707.0	658.0	627.2	596.2	565.5	534.5
20°	1103.5	1035.2	966.8	892.6	818.2	744.1	669.7	630.9	592.3	553.5	514.7
22.5°	1283.9	1197.7	1111.6	1018.0	924.5	830.7	737.1	680.9	624.6	568.1	511.8
25°	1427.1	1344.3	1261.4	1142.8	1024.1	905.5	786.8	722.9	659.0	594.9	531.0
27.5°	1566.3	1434.3	1302.2	1166.3	1030.7	894.8	758.9	699.8	640.7	581.6	522.5
30°	1683.8	1579.1	1474.5	1297.2	1119.9	942.3	765.0	692.4	619.8	547.2	474.5
32.5°	1855.9	1706.5	1556.9	1372.0	1187.0	1002.1	817.2	724.3	631.4	538.4	445.5
35°	2057.2	1901.9	1746.6	1517.9	1289.3	1060.5	831.8	733.4	634.8	536.5	437.9
37.5°	2432.5	2158.8	1884.9	1635.2	1385.5	1135.6	885.9	771.6	657.3	542.8	428.5
40°	2639.5	2386.5	2133.5	1822.3	1511.1	1199.7	888.5	771.6	654.5	537.6	420.5
42.5°	2915.3	2595.4	2275.3	1938.8	1602.5	1266.0	929.5	799.9	670.4	540.6	411.1
45°	3083.5	2726.9	2370.1	2010.5	1650.9	1291.3	931.7	800.1	668.6	537.1	405.6
47.5°	3191.9	2849.5	2506.9	2119.8	1732.7	1345.4	958.3	818.7	678.9	539.3	399.5
50°	3294.6	2955.5	2616.1	2214.2	1812.5	1410.6	1008.6	856.2	703.8	551.1	398.7
52.5°	3420.6	3108.3	2795.8	2364.7	1933.3	1502.2	1070.8	904.8	738.9	572.9	406.9
55°	3604.0	3296.3	2988.4	2525.6	2062.6	1599.9	1136.9	952.6	768.5	584.2	400.0
57.5°	3722.9	3410.8	3098.7	2626.8	2154.9	1682.7	1210.8	1006.7	802.5	598.2	394.1
60°	3683.4	3361.5	3039.4	2589.5	2139.6	1689.7	1239.8	1019.3	799.1	578.6	358.1
62.5°	3509.0	3166.8	2824.6	2421.6	2018.8	1615.8	1212.8	988.6	764.6	540.4	316.2
65°	3265.1	2911.4	2557.5	2193.9	1830.4	1466.8	1103.3	899.8	696.1	492.6	289.0
67.5°	2965.9	2597.2	2228.2	1906.3	1584.4	1262.3	940.4	770.3	600.4	430.3	260.2
70°	2590.6	2228.2	1865.7	1587.2	1308.7	1030.2	751.7	623.7	495.9	367.9	239.9
72.5°	2082.3	1769.5	1456.8	1237.6	1018.4	799.3	580.1	491.1	402.4	313.4	224.4
75°	1481.0	1297.2	1113.3	942.8	772.2	601.5	430.9	373.4	315.8	258.2	200.6
77.5°	1052.5	944.1	835.7	702.0	568.3	434.6	301.0	267.2	233.6	199.8	166.0
80°	778.1	687.6	597.1	496.4	395.6	294.8	194.1	177.5	161.2	144.6	128.0
82.5°	512.3	471.5	430.5	350.7	270.9	191.0	111.2	105.1	99.0	92.9	86.8
85°	229.4	242.3	254.9	206.1	157.0	108.2	59.1	56.3	53.4	50.6	47.8
87.5°	22.0	32.5	43.0	36.9	30.5	24.4	18.1	17.9	17.9	17.7	17.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9
2.5°	570.5	573.6	576.6	579.7	576.4	573.1	569.6	566.4	562.2	558.1	553.7
5°	678.7	669.3	660.1	650.8	636.8	622.8	608.7	594.7	593.0	591.0	589.3
7.5°	629.8	612.8	595.6	578.4	556.5	535.0	513.1	491.3	484.8	478.3	471.7
10°	573.6	561.8	550.2	538.4	524.9	511.4	497.7	484.1	466.3	448.2	430.3
12.5°	568.8	549.6	530.2	511.0	502.7	494.4	486.1	477.8	462.1	446.4	430.5
15°	538.2	522.5	507.0	491.3	479.3	467.4	455.4	443.4	430.7	417.8	405.2
17.5°	516.6	498.8	480.9	463.0	449.3	435.5	421.6	407.8	392.5	377.1	361.8
20°	494.2	473.9	453.4	432.9	415.4	398.2	380.8	363.3	346.5	330.0	313.2
22.5°	485.0	458.2	431.4	404.5	386.2	367.7	349.4	330.8	315.3	299.9	284.4
25°	499.0	467.1	435.1	403.0	378.4	353.5	328.9	304.0	291.1	278.3	265.2
27.5°	482.6	442.5	402.6	362.5	336.1	309.5	283.1	256.5	254.5	252.5	250.4
30°	432.5	390.4	348.3	306.2	282.0	257.6	233.3	208.9	204.3	199.5	195.0
32.5°	402.6	359.6	316.7	273.7	252.1	230.3	208.7	186.9	181.7	176.4	171.2
35°	391.2	344.6	297.9	251.2	232.7	214.2	195.6	177.1	173.4	169.9	166.2
37.5°	382.1	335.8	289.4	242.9	225.1	207.2	189.1	171.2	168.4	165.5	162.7
40°	373.4	326.5	279.4	232.3	216.3	200.6	184.7	168.8	167.1	165.3	163.3
42.5°	365.5	319.9	274.1	228.6	214.4	200.4	186.2	172.1	170.3	168.6	166.8
45°	361.1	316.7	272.2	227.7	217.4	207.2	196.7	186.5	182.3	178.2	173.8
47.5°	357.9	316.2	274.6	232.9	222.2	211.5	200.9	190.2	186.5	182.8	178.8
50°	358.5	318.6	278.5	238.4	225.5	212.4	199.5	186.5	186.0	185.6	185.2
52.5°	364.4	322.1	279.6	237.1	223.1	209.1	195.0	181.0	183.8	186.5	189.3
55°	355.9	311.9	267.6	223.5	210.2	197.1	183.8	170.5	174.2	177.7	181.4
57.5°	346.3	298.6	250.8	203.0	193.0	183.0	172.7	162.7	166.6	170.8	174.7
60°	314.5	270.9	227.2	183.6	176.9	170.1	163.3	156.6	158.3	160.1	161.8
62.5°	279.6	242.7	206.1	169.2	164.0	158.5	153.3	147.9	147.9	148.1	148.1
65°	257.3	225.7	194.1	162.5	156.6	150.7	144.6	138.7	137.8	137.0	136.1
67.5°	235.1	210.2	185.2	160.1	151.6	143.3	134.8	126.3	125.2	124.3	123.2
70°	217.6	195.4	173.2	150.9	141.3	131.9	122.3	112.7	111.9	111.2	110.4
72.5°	203.5	182.8	161.8	140.9	130.8	120.6	110.6	100.3	99.7	99.0	98.1
75°	182.1	163.8	145.2	126.7	116.9	107.3	97.5	87.7	86.8	86.1	85.3
77.5°	150.7	135.2	119.9	104.5	96.8	89.4	81.8	74.1	73.7	73.3	72.6
80°	116.0	104.0	91.8	79.8	74.8	69.6	64.6	59.3	59.1	58.9	58.4
82.5°	79.6	72.4	65.2	58.0	54.3	50.4	46.7	42.7	43.0	43.2	43.4
85°	45.4	42.7	40.3	37.7	34.7	31.8	28.8	25.7	26.4	27.0	27.5
87.5°	16.6	15.7	14.8	14.0	12.4	11.1	9.6	8.1	8.5	9.2	9.6
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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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: P366876
 CATALOG NUMBER: MSA-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9
2.5°	549.6	543.0	536.5	529.9	523.4	509.9	496.6	483.1	469.5	477.8	486.3
5°	587.3	576.2	564.8	553.7	542.4	536.0	529.7	523.4	517.1	520.3	523.8
7.5°	465.2	458.6	451.9	445.3	438.6	435.7	433.1	430.3	427.4	435.5	443.6
10°	412.2	403.0	393.9	384.5	375.3	369.9	364.4	359.0	353.5	355.7	357.9
12.5°	414.8	401.3	387.8	374.2	360.7	352.6	344.6	336.5	328.4	330.4	332.4
15°	392.3	378.4	364.4	350.5	336.5	327.1	317.5	308.2	298.6	295.3	291.8
17.5°	346.3	331.1	315.8	300.5	285.3	278.9	272.6	266.3	260.0	256.5	253.0
20°	296.4	282.2	268.0	253.8	239.7	235.3	230.9	226.4	222.0	219.8	217.4
22.5°	268.9	260.2	251.2	242.5	233.6	228.6	223.8	218.7	213.7	211.3	208.7
25°	252.3	254.1	256.0	257.8	259.5	257.3	254.9	252.8	250.4	251.2	251.9
27.5°	248.4	252.1	256.0	259.7	263.4	265.4	267.4	269.3	271.3	271.9	272.6
30°	190.2	192.1	193.9	195.8	197.6	203.0	208.5	213.7	219.2	227.7	236.4
32.5°	166.0	165.3	164.7	163.8	163.1	164.4	165.7	166.8	168.1	171.2	174.5
35°	162.5	160.9	159.2	157.7	155.9	156.6	157.2	157.9	158.5	160.9	163.3
37.5°	159.9	159.2	158.8	158.1	157.5	159.0	160.3	161.8	163.1	165.1	167.1
40°	161.6	161.4	161.2	160.7	160.5	161.4	162.3	163.1	164.0	166.6	169.2
42.5°	165.1	165.1	164.9	164.9	164.7	165.5	166.2	167.1	167.7	169.2	170.8
45°	169.7	169.2	169.0	168.6	168.1	167.9	167.9	167.7	167.5	168.4	169.5
47.5°	175.1	173.6	171.8	170.3	168.6	168.1	167.5	167.1	166.4	166.8	167.3
50°	184.7	180.6	176.6	172.5	168.4	167.3	166.2	165.1	164.0	163.8	163.8
52.5°	191.9	185.8	179.7	173.6	167.5	165.5	163.6	161.6	159.6	159.2	159.0
55°	184.9	180.4	176.0	171.4	166.8	164.0	160.9	158.1	155.1	154.4	153.7
57.5°	178.6	175.8	172.9	170.1	167.3	164.4	161.4	158.5	155.5	154.0	152.4
60°	163.6	163.6	163.8	163.8	163.8	160.7	157.7	154.6	151.6	150.0	148.7
62.5°	148.1	150.5	152.7	155.1	157.2	153.1	148.7	144.6	140.2	139.1	138.3
65°	135.2	135.9	136.7	137.4	138.0	134.8	131.5	128.2	125.0	124.3	123.4
67.5°	122.1	121.9	121.7	121.3	121.0	119.1	116.9	114.9	112.7	111.9	111.0
70°	109.5	109.3	109.0	108.6	108.4	106.6	104.9	103.2	101.4	100.8	100.1
72.5°	97.5	97.3	96.8	96.6	96.2	94.6	93.3	91.8	90.3	89.4	88.5
75°	84.4	84.0	83.5	83.1	82.7	81.3	80.0	78.5	77.2	76.3	75.5
77.5°	72.2	71.5	70.9	70.0	69.4	68.3	67.0	65.9	64.6	63.5	62.6
80°	58.2	57.8	57.4	56.7	56.3	55.2	54.1	52.8	51.7	50.4	49.3
82.5°	43.6	43.4	43.0	42.7	42.3	41.2	40.1	39.0	37.9	36.6	35.3
85°	28.1	27.9	27.7	27.5	27.3	26.4	25.7	24.9	24.0	22.7	21.6
87.5°	10.0	9.6	9.4	8.9	8.5	8.3	7.9	7.6	7.2	6.5	5.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366876
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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: P366876
 CATALOG NUMBER: MSA-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9
2.5°	494.6	502.9	503.1	503.1	507.0	510.8	503.1	495.5	487.6	480.0	472.4
5°	527.1	530.4	529.5	528.4	523.6	518.8	513.8	508.8	503.8	498.8	499.0
7.5°	451.6	459.7	466.3	472.6	466.5	460.4	457.1	453.8	450.6	447.3	446.9
10°	359.8	362.0	364.6	367.0	363.3	359.4	365.9	372.5	378.8	385.4	378.2
12.5°	334.3	336.3	331.7	326.9	325.4	323.9	322.3	320.6	319.1	317.3	316.4
15°	288.5	285.0	281.5	277.8	277.0	275.9	274.8	273.5	272.4	271.1	267.2
17.5°	249.5	246.0	240.1	234.0	231.6	229.0	228.3	227.7	226.8	226.2	222.4
20°	215.2	212.8	211.3	209.6	207.2	204.8	202.4	200.0	197.4	195.0	191.5
22.5°	206.3	203.7	201.7	199.5	199.1	198.7	194.3	189.7	185.4	180.8	178.8
25°	252.8	253.4	241.4	229.2	228.1	227.0	219.2	211.1	203.3	195.2	188.4
27.5°	273.0	273.7	273.3	272.8	269.3	265.6	252.3	238.8	225.5	212.0	202.4
30°	244.9	253.4	256.7	260.0	257.6	254.9	241.0	227.2	213.3	199.3	193.0
32.5°	177.5	180.6	186.0	191.3	194.1	196.7	192.3	188.0	183.6	179.3	178.2
35°	165.5	167.9	169.0	170.1	168.4	166.6	163.3	160.1	156.6	153.3	152.7
37.5°	168.8	170.8	172.9	175.1	170.3	165.3	161.6	158.1	154.4	150.7	147.6
40°	171.8	174.5	175.8	177.1	172.3	167.5	162.9	158.5	154.0	149.4	146.3
42.5°	172.3	173.8	176.2	178.6	171.8	164.9	160.7	156.4	152.2	147.9	144.8
45°	170.3	171.2	173.4	175.6	167.7	159.6	155.9	152.0	148.3	144.4	141.8
47.5°	167.5	167.9	169.7	171.2	162.9	154.4	150.9	147.4	143.7	140.2	137.6
50°	163.6	163.3	164.7	165.7	157.2	148.7	145.2	142.0	138.5	135.0	132.8
52.5°	158.5	158.1	159.4	160.5	151.6	142.6	139.6	136.7	133.7	130.6	128.9
55°	152.9	152.2	153.3	154.4	145.7	136.7	134.1	131.3	128.7	125.8	124.3
57.5°	150.7	149.2	149.8	150.5	140.7	130.8	128.2	125.6	123.0	120.4	119.3
60°	147.2	145.7	146.3	146.8	136.3	125.6	123.2	120.6	118.2	115.6	114.5
62.5°	137.2	136.1	137.0	137.8	128.5	118.9	116.7	114.7	112.5	110.4	108.8
65°	122.8	121.9	123.7	125.4	117.3	109.3	108.0	106.6	105.1	103.8	102.3
67.5°	110.1	109.3	111.0	112.7	106.9	101.0	99.7	98.4	97.0	95.7	94.9
70°	99.4	98.8	100.3	101.8	96.8	91.8	90.5	89.4	88.1	86.8	86.1
72.5°	87.5	86.6	88.5	90.3	86.1	81.8	80.7	79.4	78.3	77.0	76.5
75°	74.6	73.7	75.5	77.0	74.1	71.1	70.0	68.9	67.8	66.7	66.5
77.5°	61.5	60.4	62.2	63.7	61.9	60.0	59.1	58.0	57.1	56.0	56.0
80°	48.0	46.7	48.0	49.1	48.4	47.8	47.1	46.2	45.6	44.7	44.9
82.5°	34.0	32.7	33.4	34.0	34.5	34.9	34.9	34.9	34.9	34.9	34.9
85°	20.3	19.0	19.2	19.4	20.1	20.7	20.9	21.2	21.4	21.6	21.8
87.5°	5.2	4.6	4.1	3.5	4.1	4.6	5.0	5.2	5.7	5.9	5.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366876
 CATALOG NUMBER: MSA-SA1C-727-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



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 CATALOG NUMBER: MSA-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9
2.5°	464.7	456.9	449.3	454.0	458.6	463.4	468.0	468.2	468.2	468.4	468.4
5°	499.4	499.6	499.8	495.3	490.9	486.3	481.7	479.3	476.9	474.3	471.9
7.5°	446.2	445.8	445.1	440.7	436.4	432.0	427.7	417.2	406.5	396.0	385.4
10°	370.7	363.5	356.1	354.4	352.9	351.1	349.4	346.5	343.9	341.1	338.2
12.5°	315.6	314.7	313.8	309.2	304.7	299.9	295.3	295.3	295.3	295.3	295.3
15°	263.0	259.1	254.9	252.8	250.4	248.2	245.8	244.7	243.6	242.5	241.4
17.5°	218.5	214.8	210.9	210.5	210.0	209.6	209.1	208.1	207.0	205.9	204.8
20°	188.0	184.5	181.0	182.3	183.6	184.7	186.0	184.9	183.8	182.5	181.4
22.5°	176.6	174.7	172.5	171.4	170.3	169.0	167.9	167.9	168.1	168.1	168.1
25°	181.9	175.1	168.4	165.1	161.8	158.3	155.1	153.7	152.7	151.3	150.0
27.5°	192.8	183.0	173.4	167.7	162.0	156.4	150.7	148.3	145.7	143.3	140.7
30°	186.5	180.1	173.6	167.1	160.5	154.0	147.4	144.4	141.3	138.0	135.0
32.5°	177.1	175.8	174.7	168.6	162.5	156.1	150.0	148.7	147.6	146.3	145.0
35°	151.8	151.1	150.3	148.7	147.2	145.7	144.2	142.4	140.7	138.9	137.2
37.5°	144.8	141.8	138.7	138.0	137.4	136.7	136.1	135.4	134.8	133.9	133.2
40°	143.3	140.2	137.2	136.1	135.0	133.7	132.6	132.8	133.2	133.5	133.7
42.5°	141.5	138.5	135.2	134.3	133.5	132.6	131.7	131.9	132.4	132.6	132.8
45°	139.4	136.7	134.1	132.6	131.3	129.8	128.2	129.5	130.8	131.9	133.2
47.5°	135.0	132.2	129.5	128.7	127.8	126.7	125.8	127.1	128.5	129.5	130.8
50°	130.4	128.2	125.8	125.6	125.4	125.0	124.7	125.6	126.5	127.4	128.2
52.5°	126.9	125.2	123.2	123.2	123.0	123.0	122.8	123.7	124.5	125.2	126.1
55°	123.0	121.5	119.9	120.2	120.6	120.8	121.0	121.9	123.0	123.9	124.7
57.5°	118.0	116.9	115.6	116.5	117.1	118.0	118.6	119.3	120.2	120.8	121.5
60°	113.2	112.1	110.8	111.7	112.7	113.6	114.5	115.1	115.8	116.5	117.1
62.5°	107.3	105.6	104.0	105.3	106.4	107.7	108.8	109.3	109.9	110.4	110.8
65°	101.0	99.4	97.9	98.8	99.7	100.3	101.2	101.8	102.5	103.2	103.8
67.5°	93.8	92.9	91.8	92.5	93.1	93.8	94.4	94.6	94.6	94.9	94.9
70°	85.3	84.6	83.7	84.2	84.8	85.3	85.7	85.7	85.7	85.5	85.5
72.5°	76.3	75.9	75.5	75.7	76.1	76.3	76.5	76.3	76.1	75.9	75.7
75°	66.3	66.1	65.9	66.1	66.5	66.7	67.0	66.7	66.3	66.1	65.6
77.5°	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.0	55.6	55.2	54.7
80°	45.1	45.4	45.6	45.6	45.6	45.6	45.6	45.1	44.7	44.1	43.6
82.5°	34.9	34.9	34.9	34.9	35.1	35.1	35.1	34.0	33.1	32.1	31.0
85°	21.8	22.0	22.0	22.2	22.5	22.5	22.7	21.2	19.8	18.3	16.8
87.5°	5.9	5.9	5.9	5.9	5.9	5.7	5.7	4.4	2.8	1.5	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366876
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CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9
2.5°	469.8	471.1	472.1	473.5	473.7	473.9	473.9	474.1	469.5	465.0	460.2
5°	475.2	478.3	481.5	484.6	483.9	483.3	482.6	482.0	480.7	479.6	478.3
7.5°	383.0	380.8	378.4	376.0	377.9	379.9	381.9	383.8	384.7	385.6	386.2
10°	332.8	327.3	321.9	316.4	313.4	310.1	307.1	303.8	303.4	303.1	302.7
12.5°	289.6	283.7	278.1	272.2	270.4	268.5	266.7	264.8	266.5	268.2	269.8
15°	239.0	236.8	234.4	232.0	234.0	236.0	237.9	239.9	241.6	243.2	244.9
17.5°	203.7	202.8	201.7	200.6	202.4	204.3	206.1	207.8	211.8	215.7	219.6
20°	180.6	179.9	179.0	178.2	177.5	176.6	176.0	175.1	180.8	186.2	191.9
22.5°	166.8	165.5	164.2	162.9	163.1	163.3	163.3	163.6	168.1	172.9	177.5
25°	149.6	149.2	148.7	148.3	149.6	150.9	152.0	153.3	157.5	161.6	165.5
27.5°	140.9	141.1	141.3	141.5	143.3	145.2	147.0	148.7	151.6	154.4	157.2
30°	136.1	137.4	138.5	139.6	140.2	140.9	141.5	142.2	145.0	147.6	150.5
32.5°	143.3	141.5	139.6	137.8	138.7	139.8	140.7	141.5	144.2	146.8	149.4
35°	136.5	135.6	135.0	134.1	135.2	136.3	137.2	138.3	140.7	142.8	145.2
37.5°	133.0	132.8	132.6	132.4	133.0	133.7	134.1	134.8	137.0	139.1	141.1
40°	132.8	131.7	130.8	129.8	130.4	131.1	131.5	132.2	134.8	137.4	140.0
42.5°	131.5	130.2	128.7	127.4	128.0	128.9	129.5	130.2	133.0	135.6	138.5
45°	131.3	129.3	127.1	125.2	126.1	126.9	127.8	128.7	130.8	133.0	135.0
47.5°	128.9	126.9	125.0	123.0	123.4	123.9	124.1	124.5	126.5	128.2	130.2
50°	126.9	125.4	124.1	122.6	121.9	121.5	120.8	120.2	121.7	123.2	124.7
52.5°	124.5	123.0	121.3	119.7	118.9	118.0	117.1	116.2	117.5	118.6	119.9
55°	123.0	121.0	119.3	117.3	116.2	115.1	114.1	113.0	113.8	114.5	115.4
57.5°	119.7	118.0	116.0	114.3	113.0	111.7	110.1	108.8	109.3	109.7	110.1
60°	115.4	113.4	111.7	109.7	108.2	106.6	104.9	103.4	103.6	104.0	104.2
62.5°	109.0	107.3	105.3	103.6	101.8	100.3	98.6	96.8	97.3	97.5	97.9
65°	102.1	100.1	98.4	96.4	94.9	93.3	91.6	90.1	90.5	90.9	91.2
67.5°	93.6	92.0	90.7	89.2	87.9	86.4	85.1	83.5	83.7	84.0	84.2
70°	84.4	83.1	82.0	80.7	79.6	78.5	77.4	76.3	76.3	76.5	76.5
72.5°	74.6	73.5	72.4	71.3	70.2	69.4	68.3	67.2	67.6	68.0	68.3
75°	64.6	63.7	62.6	61.5	60.6	59.8	58.7	57.8	58.2	58.7	58.9
77.5°	54.1	53.4	52.6	51.9	51.0	50.2	49.1	48.2	48.6	49.1	49.3
80°	43.2	42.7	42.1	41.7	40.8	39.9	39.0	38.2	38.4	38.4	38.6
82.5°	31.2	31.4	31.4	31.6	31.0	30.1	29.4	28.6	28.6	28.6	28.4
85°	17.4	18.3	19.0	19.6	19.0	18.3	17.7	17.0	16.8	16.8	16.6
87.5°	0.7	1.1	1.7	2.2	2.0	1.7	1.3	1.1	1.3	1.5	1.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366876
 CATALOG NUMBER: MSA-SA1C-727-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: P366876
 CATALOG NUMBER: MSA-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9
2.5°	455.6	459.3	463.0	466.7	470.4	476.1	481.7	487.6	493.5	490.3	486.8
5°	476.9	479.1	481.5	483.7	485.9	492.2	498.3	506.0	513.4	512.5	511.4
7.5°	387.1	390.2	393.2	396.0	399.1	408.7	418.3	426.4	434.4	433.3	432.0
10°	302.3	308.6	315.1	321.5	327.8	335.6	343.3	350.0	356.8	368.1	379.2
12.5°	271.5	281.3	291.1	301.0	310.8	316.4	321.9	330.6	339.3	345.4	351.8
15°	246.4	255.6	264.8	273.9	283.1	283.5	283.9	293.1	302.3	307.5	312.5
17.5°	223.5	228.6	233.6	238.4	243.4	241.6	239.9	244.3	248.4	250.6	253.0
20°	197.4	200.9	204.3	207.8	211.3	213.7	215.9	218.5	220.9	218.7	216.3
22.5°	182.1	187.3	192.8	198.0	203.3	204.8	206.1	204.6	203.0	202.4	201.7
25°	169.7	176.0	182.5	188.9	195.2	198.2	201.3	202.6	203.7	201.3	198.9
27.5°	160.1	167.7	175.1	182.8	190.2	195.6	201.1	202.6	203.9	202.2	200.2
30°	153.1	161.4	169.7	178.0	186.2	194.5	202.6	209.8	216.8	216.1	215.5
32.5°	152.0	157.7	163.3	169.0	174.7	179.9	184.9	185.4	185.6	183.8	181.9
35°	147.4	151.1	154.8	158.5	162.3	165.5	168.6	168.1	167.7	166.0	164.2
37.5°	143.3	147.0	150.9	154.6	158.3	164.0	169.5	168.4	167.1	165.3	163.6
40°	142.6	146.8	150.9	154.8	159.0	164.2	169.5	168.4	167.3	165.1	162.9
42.5°	141.1	145.2	149.2	153.3	157.2	163.6	169.7	167.7	165.5	163.8	162.0
45°	137.2	140.9	144.6	148.3	152.0	158.8	165.5	163.1	160.7	160.1	159.2
47.5°	131.9	135.6	139.4	143.1	146.8	153.5	160.1	158.1	155.9	155.7	155.3
50°	126.3	129.8	133.5	137.0	140.4	147.2	153.7	152.0	150.3	150.5	150.5
52.5°	121.0	124.3	127.4	130.6	133.7	140.4	147.0	145.7	144.2	144.6	144.8
55°	116.0	118.6	121.3	123.9	126.5	133.0	139.6	137.6	135.6	136.3	137.0
57.5°	110.6	112.7	114.9	116.9	119.1	125.6	131.9	129.8	127.4	128.5	129.3
60°	104.5	106.4	108.4	110.1	112.1	118.0	123.7	121.7	119.5	121.0	122.3
62.5°	98.1	99.7	101.2	102.7	104.2	109.7	115.1	113.6	112.1	113.8	115.4
65°	91.6	92.7	94.0	95.1	96.2	101.4	106.4	105.3	104.2	105.8	107.3
67.5°	84.4	85.3	86.4	87.2	88.1	92.9	97.7	96.6	95.3	96.6	97.7
70°	76.5	77.4	78.1	78.9	79.6	84.0	88.3	86.8	85.1	86.4	87.5
72.5°	68.7	69.1	69.8	70.2	70.7	73.9	77.2	75.9	74.6	75.9	77.0
75°	59.3	59.8	60.2	60.6	61.1	63.9	66.5	65.0	63.2	64.6	65.9
77.5°	49.7	49.9	50.4	50.6	50.8	52.8	54.5	53.0	51.2	52.8	54.3
80°	38.6	38.8	39.0	39.0	39.3	39.9	40.6	39.5	38.2	40.1	42.1
82.5°	28.4	28.1	28.1	27.9	27.7	27.7	27.5	26.8	26.0	27.7	29.4
85°	16.4	16.1	15.7	15.5	15.0	14.4	13.7	13.5	13.3	14.8	16.4
87.5°	1.7	1.5	1.1	0.9	0.4	0.2	0.0	0.0	0.0	0.9	2.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P366876
 CATALOG NUMBER: MSA-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9
2.5°	483.5	480.0	476.7	473.5	470.2	466.9	473.0	479.1	485.2	491.3	496.8
5°	510.5	509.4	506.6	504.0	501.2	498.3	499.8	501.6	503.1	504.6	507.9
7.5°	430.9	429.6	435.7	441.6	447.7	453.6	455.1	456.4	458.0	459.3	458.4
10°	390.6	401.7	404.5	407.2	410.0	412.6	417.0	421.3	425.5	429.8	432.2
12.5°	357.9	364.0	374.0	384.3	394.3	404.3	410.9	417.4	424.0	430.5	444.0
15°	317.7	322.8	330.4	338.0	345.7	353.3	362.7	372.3	381.6	391.0	405.9
17.5°	255.2	257.3	263.0	268.7	274.1	279.8	292.4	304.9	317.5	330.0	347.0
20°	214.2	211.8	211.8	212.0	212.0	212.0	224.6	237.1	249.7	262.1	284.6
22.5°	200.9	200.2	197.8	195.2	192.8	190.2	196.7	203.5	210.0	216.6	234.9
25°	196.3	193.9	190.8	187.8	184.7	181.7	185.8	190.0	194.1	198.2	212.6
27.5°	198.5	196.5	198.0	199.3	200.9	202.2	203.5	204.8	206.1	207.4	212.4
30°	214.8	214.2	216.6	218.7	221.1	223.3	220.3	217.4	214.4	211.3	213.1
32.5°	180.1	178.2	177.3	176.4	175.6	174.7	174.5	174.2	173.8	173.6	177.5
35°	162.5	160.7	159.4	158.1	156.6	155.3	155.9	156.4	157.0	157.5	161.8
37.5°	161.8	160.1	158.5	157.0	155.3	153.7	154.4	155.3	155.9	156.6	159.9
40°	160.7	158.5	157.7	156.8	155.9	155.1	155.5	155.9	156.1	156.6	159.0
42.5°	160.1	158.3	157.9	157.5	157.0	156.6	157.0	157.5	157.7	158.1	160.9
45°	158.5	157.7	158.1	158.5	159.0	159.4	159.4	159.4	159.4	159.4	162.5
47.5°	155.1	154.6	155.9	157.2	158.5	159.9	162.0	164.2	166.2	168.4	169.0
50°	150.7	150.7	152.9	155.1	157.0	159.2	164.4	169.5	174.7	179.7	176.4
52.5°	145.2	145.5	148.7	151.8	155.1	158.1	162.9	167.7	172.3	177.1	172.3
55°	137.4	138.0	142.2	146.1	150.3	154.2	157.9	161.6	165.3	169.0	164.0
57.5°	130.4	131.3	135.6	139.8	144.2	148.3	150.5	152.9	155.1	157.2	154.0
60°	123.9	125.2	130.8	136.5	142.0	147.6	145.9	144.2	142.2	140.4	140.2
62.5°	117.1	118.6	123.9	129.1	134.1	139.4	136.7	134.1	131.3	128.7	129.8
65°	108.6	110.1	112.5	114.9	117.1	119.5	119.3	119.3	119.1	118.9	121.0
67.5°	99.0	100.1	101.6	102.9	104.5	105.8	106.6	107.7	108.6	109.5	112.1
70°	88.8	89.9	91.4	92.7	94.2	95.5	96.6	97.7	98.6	99.7	102.3
72.5°	78.3	79.4	80.9	82.4	83.7	85.3	86.1	87.0	87.7	88.5	90.7
75°	67.2	68.5	70.0	71.3	72.8	74.1	74.8	75.5	76.1	76.8	78.7
77.5°	55.8	57.4	58.9	60.4	61.9	63.5	63.7	63.9	64.1	64.3	66.1
80°	43.8	45.8	47.3	48.9	50.4	51.9	51.9	51.9	51.9	51.9	52.8
82.5°	31.2	32.9	34.7	36.2	37.9	39.5	39.5	39.3	39.3	39.0	39.0
85°	17.9	19.4	20.5	21.8	22.9	24.0	24.0	24.0	23.8	23.8	23.3
87.5°	2.8	3.7	4.1	4.8	5.2	5.7	5.5	5.5	5.2	5.0	4.4
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: P366876
 CATALOG NUMBER: MSA-SA1C-727-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: P366876
 CATALOG NUMBER: MSA-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9
2.5°	502.2	507.7	513.1	512.3	511.4	510.5	509.7	512.9	516.0	519.3	522.3
5°	511.0	514.2	517.3	519.7	522.1	524.5	526.9	538.0	548.9	560.0	570.9
7.5°	457.5	456.4	455.6	465.8	476.3	486.5	496.8	511.0	525.1	539.3	553.5
10°	434.6	437.0	439.4	443.6	447.9	452.1	456.2	470.2	484.1	498.1	512.1
12.5°	457.3	470.8	484.1	487.4	490.9	494.2	497.4	500.3	503.1	505.7	508.6
15°	420.7	435.5	450.3	458.8	467.4	475.6	484.1	505.5	526.7	548.0	569.2
17.5°	363.8	380.8	397.6	418.5	439.4	460.4	481.3	500.9	520.6	540.0	559.6
20°	307.1	329.3	351.8	374.7	397.3	420.2	442.9	462.1	481.3	500.3	519.5
22.5°	253.0	271.3	289.4	317.3	345.0	372.9	400.6	436.4	471.9	507.7	543.2
25°	226.8	241.2	255.4	284.2	312.9	341.5	370.3	416.8	463.0	509.4	555.7
27.5°	217.6	222.7	227.7	253.8	279.8	306.0	331.9	382.1	432.2	482.2	532.3
30°	214.8	216.6	218.3	238.8	259.3	279.8	300.3	349.8	399.5	449.0	498.5
32.5°	181.2	185.2	188.9	208.9	228.8	248.8	268.7	318.6	368.3	418.3	468.0
35°	166.2	170.5	174.9	194.5	214.2	233.6	253.2	305.8	358.5	411.1	463.6
37.5°	163.1	166.4	169.7	191.9	214.2	236.4	258.6	311.9	365.1	418.3	471.5
40°	161.6	164.0	166.4	188.0	209.8	231.4	253.0	308.8	364.4	420.2	475.9
42.5°	163.6	166.4	169.0	188.6	208.1	227.7	247.1	304.9	362.5	420.2	477.8
45°	165.3	168.4	171.2	189.5	207.8	226.2	244.5	306.2	367.7	429.4	490.9
47.5°	169.5	170.1	170.5	186.5	202.2	218.1	233.8	296.6	359.4	422.0	484.8
50°	172.9	169.7	166.2	182.8	199.1	215.7	232.0	291.6	351.1	410.4	470.0
52.5°	167.5	162.5	157.7	175.6	193.4	211.1	229.0	288.5	348.3	407.8	467.4
55°	159.2	154.2	149.2	167.3	185.4	203.5	221.6	280.9	340.4	399.7	459.1
57.5°	150.9	147.6	144.4	159.2	174.2	189.1	203.9	268.2	332.4	396.7	460.8
60°	140.0	139.6	139.4	150.9	162.7	174.2	185.8	248.8	311.6	374.7	437.5
62.5°	130.6	131.7	132.6	142.0	151.3	160.5	169.9	230.7	291.8	352.6	413.5
65°	123.4	125.6	127.8	138.5	149.2	159.6	170.3	221.4	272.4	323.4	374.4
67.5°	114.7	117.3	119.9	133.9	147.9	161.8	175.8	217.9	260.0	302.0	344.1
70°	104.7	107.3	109.7	127.6	145.2	163.1	180.8	218.1	255.6	292.9	330.2
72.5°	92.9	95.1	97.3	116.5	135.6	154.8	174.0	205.7	237.3	268.7	300.3
75°	80.9	82.9	84.8	101.4	118.0	134.6	151.1	175.6	199.8	224.2	248.4
77.5°	67.6	69.4	70.9	82.0	93.1	104.2	115.4	134.1	152.7	171.4	190.0
80°	53.6	54.5	55.4	61.9	68.3	74.8	81.1	93.6	106.0	118.2	130.6
82.5°	39.3	39.3	39.3	43.4	47.8	51.9	56.0	62.4	68.5	74.8	80.9
85°	22.9	22.2	21.8	24.6	27.5	30.3	33.1	35.8	38.4	41.0	43.6
87.5°	3.7	2.8	2.2	3.9	5.7	7.4	9.2	10.0	11.1	12.0	12.9
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):

	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: P366876

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9
2.5°	514.9	507.7	500.3	492.9	503.8	514.7	525.6	536.5	565.5	582.7	583.8
5°	580.1	589.3	598.4	607.6	616.7	625.9	634.8	644.0	691.1	720.1	725.6
7.5°	568.5	583.8	598.9	613.9	639.9	665.8	691.8	717.7	757.6	786.4	805.4
10°	530.8	549.6	568.3	587.1	617.8	648.8	679.5	710.3	752.6	790.6	808.7
12.5°	538.4	568.3	598.0	627.9	654.5	681.3	707.9	734.5	763.7	778.1	811.1
15°	589.9	610.6	631.4	652.1	692.2	732.1	772.2	812.1	828.7	861.6	891.3
17.5°	597.8	635.7	673.9	711.8	760.9	810.0	859.0	908.1	938.8	981.4	1017.1
20°	573.3	627.0	680.9	734.5	797.7	861.2	924.5	987.7	1026.7	1062.5	1117.9
22.5°	602.6	661.9	721.0	780.3	864.3	948.0	1032.0	1115.7	1197.3	1277.1	1314.6
25°	634.8	714.2	793.4	872.6	977.4	1082.1	1187.0	1291.7	1396.6	1471.4	1514.6
27.5°	612.2	691.8	771.6	851.2	980.9	1110.9	1240.7	1370.4	1482.7	1572.8	1609.9
30°	596.2	693.9	791.6	889.3	1041.6	1193.8	1346.0	1498.2	1602.0	1702.6	1757.1
32.5°	593.4	718.8	844.0	969.4	1146.7	1323.8	1501.1	1678.1	1747.1	1836.3	1909.8
35°	601.3	739.1	876.7	1014.3	1217.6	1420.8	1623.8	1827.1	1925.0	2013.3	2077.7
37.5°	625.2	779.0	932.5	1086.3	1331.2	1576.3	1821.2	2066.1	2230.3	2391.9	2420.7
40°	638.8	801.9	964.8	1127.7	1412.5	1697.3	1982.2	2267.0	2455.8	2633.1	2645.1
42.5°	654.7	831.6	1008.2	1185.1	1500.8	1816.8	2132.6	2448.4	2682.2	2872.8	2878.5
45°	673.0	854.9	1037.0	1218.9	1548.6	1878.1	2207.9	2537.4	2820.0	3051.6	2995.2
47.5°	680.2	875.8	1071.2	1266.6	1618.2	1969.5	2321.1	2672.4	2926.0	3136.7	3082.6
50°	683.0	896.3	1109.4	1322.5	1686.7	2051.1	2415.3	2779.5	3037.5	3242.9	3160.0
52.5°	700.7	934.0	1167.4	1400.7	1780.2	2159.7	2539.1	2918.6	3172.5	3369.8	3266.9
55°	724.5	989.9	1255.1	1520.5	1913.2	2305.8	2698.6	3091.1	3345.8	3529.5	3401.9
57.5°	746.5	1032.4	1318.1	1603.8	2010.7	2417.9	2824.8	3231.8	3489.8	3671.4	3547.8
60°	735.8	1034.1	1332.5	1630.8	2030.8	2430.5	2830.5	3230.2	3523.1	3741.0	3677.8
62.5°	703.5	993.6	1283.4	1573.5	1953.2	2332.6	2712.3	3091.8	3434.6	3714.0	3711.1
65°	641.4	908.3	1175.0	1442.0	1793.3	2144.8	2496.2	2847.5	3251.6	3591.0	3613.0
67.5°	565.7	787.3	1008.9	1230.4	1561.3	1892.1	2222.9	2553.8	2985.8	3360.2	3379.2
70°	492.4	654.9	817.2	979.4	1269.9	1560.4	1850.7	2141.1	2577.5	2956.3	2973.8
72.5°	406.5	512.7	618.7	724.9	960.2	1195.5	1430.6	1665.9	2049.1	2340.5	2438.8
75°	311.4	374.4	437.5	500.5	690.9	881.3	1071.4	1261.8	1516.5	1731.6	1842.4
77.5°	222.7	255.4	288.1	320.8	482.6	644.4	806.0	967.9	1101.8	1223.7	1298.5
80°	146.1	161.4	176.9	192.1	326.7	461.2	595.6	730.1	811.7	877.1	914.9
82.5°	88.5	96.2	103.6	111.2	220.3	329.3	438.1	547.2	593.8	625.0	658.6
85°	47.8	51.9	56.0	60.2	130.2	200.0	270.0	339.8	344.4	348.1	398.0
87.5°	14.0	15.3	16.4	17.4	28.8	40.3	51.7	63.0	39.3	24.4	50.2
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: P366876
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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: P366876

CATALOG NUMBER: MSA-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9
2.5°	577.5	574.6	571.8	568.8	565.9	553.9	542.2	530.2	518.2	529.7	541.1
5°	719.2	728.0	736.5	745.2	753.9	754.6	755.0	755.7	756.1	758.3	760.5
7.5°	821.3	836.8	852.1	867.5	883.0	895.0	907.0	919.2	931.2	920.3	909.4
10°	830.0	862.7	895.4	928.2	960.9	966.8	972.4	978.3	984.2	992.1	999.7
12.5°	838.7	878.7	918.3	958.3	998.2	1015.6	1032.8	1050.3	1067.5	1076.0	1084.3
15°	931.0	954.5	977.9	1001.4	1024.8	1036.8	1048.5	1060.5	1072.5	1079.7	1086.7
17.5°	1049.6	1058.4	1066.9	1075.6	1084.3	1092.4	1100.4	1108.5	1116.6	1117.9	1119.2
20°	1157.8	1159.5	1161.1	1162.8	1164.3	1147.3	1130.5	1113.5	1096.5	1099.6	1102.4
22.5°	1320.1	1310.5	1301.1	1291.5	1282.1	1250.1	1218.2	1186.2	1154.3	1140.6	1127.1
25°	1564.3	1539.9	1515.5	1491.0	1466.6	1415.6	1364.8	1313.7	1262.9	1233.0	1203.4
27.5°	1643.0	1589.8	1536.8	1483.6	1430.4	1391.8	1353.4	1314.8	1276.4	1229.1	1181.8
30°	1802.2	1718.3	1634.5	1550.6	1466.6	1429.3	1392.0	1354.5	1317.2	1268.8	1220.6
32.5°	1943.3	1856.1	1768.9	1681.4	1594.2	1523.5	1452.9	1382.2	1311.6	1278.8	1246.1
35°	2106.7	1997.0	1887.3	1777.6	1667.9	1607.3	1546.9	1486.2	1425.8	1376.3	1327.0
37.5°	2344.6	2227.9	2111.3	1994.4	1877.7	1795.7	1713.9	1631.9	1550.1	1522.9	1495.8
40°	2571.4	2433.6	2296.0	2158.1	2020.5	1957.7	1894.9	1831.9	1769.1	1723.1	1677.1
42.5°	2761.4	2625.1	2489.0	2352.7	2216.6	2170.8	2125.2	2079.4	2033.8	1995.9	1957.9
45°	2826.6	2715.4	2604.3	2493.1	2381.9	2365.8	2349.8	2333.7	2317.8	2289.7	2261.5
47.5°	2931.5	2818.1	2704.9	2591.5	2478.1	2484.0	2489.9	2496.0	2501.8	2503.4	2504.7
50°	2993.2	2885.5	2777.9	2670.2	2562.7	2591.3	2619.6	2648.2	2676.8	2741.5	2806.1
52.5°	3083.3	2977.5	2871.9	2766.2	2660.4	2708.8	2757.0	2805.4	2853.6	2944.3	3035.1
55°	3196.2	3095.0	2994.1	2892.9	2791.9	2839.0	2885.9	2933.0	2979.9	3080.9	3181.8
57.5°	3346.0	3237.7	3129.5	3021.1	2912.9	2956.3	2999.5	3042.9	3086.1	3182.0	3278.0
60°	3516.6	3398.8	3281.1	3163.1	3045.3	3057.3	3069.1	3081.1	3092.9	3196.9	3300.7
62.5°	3600.3	3491.3	3382.5	3273.4	3164.4	3131.0	3097.7	3064.1	3030.7	3123.8	3216.7
65°	3527.7	3452.7	3377.9	3302.9	3227.8	3169.0	3110.3	3051.4	2992.5	3050.8	3108.8
67.5°	3296.5	3254.0	3211.7	3169.2	3126.7	3027.9	2929.1	2830.1	2731.3	2735.2	2738.9
70°	2921.9	2910.5	2899.4	2888.1	2876.7	2728.2	2579.9	2431.4	2282.9	2260.2	2237.5
72.5°	2447.1	2454.5	2461.7	2469.1	2476.6	2316.9	2157.3	1997.6	1838.0	1800.3	1762.5
75°	1895.4	1936.4	1977.4	2018.6	2059.6	1906.9	1754.3	1601.4	1448.7	1402.3	1355.8
77.5°	1339.2	1415.8	1492.1	1568.7	1645.2	1507.2	1369.3	1231.3	1093.3	1063.2	1033.1
80°	933.8	971.3	1008.9	1046.4	1083.9	1014.5	945.2	875.8	806.5	814.8	822.8
82.5°	680.2	688.9	697.4	706.2	714.9	686.5	658.2	629.6	601.3	622.8	644.4
85°	435.7	466.9	497.9	529.1	560.0	528.6	497.2	465.6	434.2	448.6	463.0
87.5°	97.5	154.2	210.9	267.8	324.5	294.0	263.7	233.1	202.6	188.9	175.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P366876

CATALOG NUMBER: MSA-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9
2.5°	552.6	564.2	560.7	557.4	553.9	550.4	556.8	563.1	569.6	576.0	573.8
5°	762.9	765.0	744.3	723.8	703.1	682.4	695.2	708.1	721.0	733.8	729.3
7.5°	898.5	887.6	875.6	863.6	851.4	839.4	836.8	834.2	831.3	828.7	825.2
10°	1007.5	1015.2	1007.3	999.7	991.8	984.0	965.7	947.4	928.8	910.5	902.9
12.5°	1092.8	1101.3	1103.3	1105.0	1107.0	1109.0	1088.5	1068.2	1047.7	1027.2	1008.6
15°	1093.9	1101.1	1107.4	1113.5	1119.9	1126.0	1113.3	1100.9	1088.2	1075.6	1069.7
17.5°	1120.7	1122.0	1116.8	1111.8	1106.6	1101.5	1096.5	1091.7	1086.7	1081.9	1072.5
20°	1105.5	1108.5	1107.9	1107.2	1106.3	1105.7	1106.1	1106.3	1106.8	1107.0	1101.8
22.5°	1113.3	1099.6	1102.4	1105.0	1107.9	1110.5	1118.3	1126.2	1134.2	1142.1	1163.0
25°	1173.5	1143.6	1139.0	1134.7	1130.1	1125.7	1146.2	1166.5	1187.0	1207.5	1241.5
27.5°	1134.2	1086.9	1076.5	1066.0	1055.5	1045.1	1076.2	1107.2	1138.4	1169.6	1204.3
30°	1172.2	1124.0	1100.9	1077.8	1054.4	1031.3	1061.2	1090.9	1120.7	1150.4	1188.8
32.5°	1213.4	1180.7	1165.2	1150.0	1134.5	1119.2	1121.6	1124.0	1126.4	1128.8	1182.9
35°	1277.5	1228.0	1212.8	1197.5	1182.2	1167.0	1192.5	1217.8	1243.3	1268.6	1314.4
37.5°	1468.6	1441.3	1413.8	1386.4	1358.7	1331.2	1346.2	1361.3	1376.3	1391.4	1434.6
40°	1631.0	1585.0	1580.4	1576.1	1571.5	1566.9	1568.2	1569.3	1570.6	1571.9	1608.8
42.5°	1919.8	1881.8	1858.5	1835.2	1811.8	1788.5	1787.0	1785.4	1783.7	1782.2	1809.9
45°	2233.2	2205.0	2187.6	2170.1	2152.5	2135.0	2107.3	2079.6	2051.7	2024.0	2048.2
47.5°	2506.2	2507.7	2539.4	2570.8	2602.4	2634.0	2586.7	2539.4	2492.0	2444.7	2413.5
50°	2870.8	2935.4	2943.0	2950.4	2958.1	2965.7	2885.5	2805.4	2725.2	2644.9	2612.2
52.5°	3126.0	3216.7	3204.9	3193.4	3181.6	3169.8	3123.4	3077.2	3030.7	2984.2	2912.9
55°	3283.0	3384.0	3375.1	3366.3	3357.4	3348.4	3314.6	3280.8	3247.0	3213.2	3134.9
57.5°	3374.0	3469.9	3472.5	3475.2	3477.8	3480.4	3471.4	3462.5	3453.6	3444.6	3342.8
60°	3404.7	3508.7	3509.8	3510.7	3511.8	3512.7	3498.5	3484.3	3469.9	3455.7	3389.2
62.5°	3309.8	3402.7	3406.9	3410.8	3415.0	3419.1	3409.3	3399.5	3389.7	3379.9	3330.6
65°	3167.0	3225.2	3226.3	3227.2	3228.3	3229.4	3204.5	3179.9	3155.0	3130.1	3118.4
67.5°	2742.8	2746.8	2769.9	2793.0	2816.1	2839.2	2841.2	2843.1	2845.3	2847.3	2830.3
70°	2214.9	2192.2	2217.2	2242.3	2267.4	2292.5	2303.2	2313.9	2324.8	2335.5	2343.3
72.5°	1724.6	1686.9	1705.4	1723.9	1742.7	1761.2	1745.3	1729.4	1713.5	1697.6	1747.9
75°	1309.4	1262.9	1260.5	1258.3	1255.9	1253.8	1245.7	1237.6	1229.3	1221.3	1268.4
77.5°	1002.7	972.7	974.2	975.5	977.0	978.3	970.0	962.0	953.7	945.4	963.5
80°	831.1	839.2	839.4	839.6	839.8	840.1	832.2	824.6	816.7	808.9	795.8
82.5°	666.2	687.8	687.6	687.6	687.4	687.2	686.7	686.3	685.7	685.2	663.8
85°	477.4	491.8	476.9	462.1	447.3	432.5	443.4	454.3	465.4	476.3	467.4
87.5°	161.6	148.1	130.4	113.0	95.3	77.6	96.6	115.6	134.8	153.7	164.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P366876

CATALOG NUMBER: MSA-SA1C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9	473.9
2.5°	571.8	569.6	567.7	553.9	540.0	526.2	512.3	537.6	563.1	588.4	613.7
5°	724.9	720.3	716.0	714.9	713.8	712.5	711.4	724.3	737.1	749.8	762.6
7.5°	821.7	818.2	814.8	805.6	796.7	787.5	778.3	786.2	793.8	801.7	809.3
10°	895.4	887.8	880.2	860.3	840.7	820.9	801.0	795.1	789.2	783.4	777.5
12.5°	990.1	971.3	952.8	930.3	907.7	885.2	862.5	859.5	856.4	853.6	850.5
15°	1064.0	1058.1	1052.3	1034.4	1016.5	998.6	980.7	956.7	932.5	908.5	884.5
17.5°	1063.4	1054.0	1044.8	1068.8	1092.6	1116.6	1140.4	1114.8	1089.1	1063.6	1038.1
20°	1096.5	1091.1	1085.8	1130.1	1174.2	1218.4	1262.5	1248.5	1234.3	1220.4	1206.2
22.5°	1183.8	1204.7	1225.4	1263.4	1301.1	1339.0	1376.8	1392.7	1408.6	1424.5	1440.4
25°	1275.3	1309.4	1343.4	1399.9	1456.1	1512.6	1569.1	1580.4	1591.8	1603.1	1614.5
27.5°	1238.7	1273.4	1308.1	1350.8	1393.3	1436.1	1478.6	1528.3	1578.3	1628.0	1677.7
30°	1226.9	1265.3	1303.5	1362.1	1420.6	1479.3	1537.9	1606.4	1674.9	1743.1	1811.6
32.5°	1236.7	1290.8	1344.9	1424.3	1503.5	1582.8	1662.2	1734.2	1806.4	1878.3	1950.3
35°	1360.0	1405.8	1451.3	1540.1	1628.9	1717.6	1806.4	1890.8	1975.2	2059.4	2143.8
37.5°	1477.5	1520.7	1563.9	1654.6	1745.1	1835.8	1926.5	2059.8	2193.3	2326.5	2459.8
40°	1645.4	1682.3	1718.9	1796.6	1874.2	1951.8	2029.5	2190.2	2350.9	2511.7	2672.4
42.5°	1837.3	1865.0	1892.5	1973.0	2053.5	2133.9	2214.4	2389.3	2564.4	2739.3	2914.2
45°	2072.2	2096.4	2120.6	2176.0	2231.4	2287.0	2342.4	2522.8	2703.1	2883.5	3063.8
47.5°	2382.3	2351.2	2320.0	2347.2	2374.5	2401.7	2429.0	2607.4	2785.8	2964.0	3142.4
50°	2579.5	2546.8	2514.1	2516.5	2518.6	2521.0	2523.4	2689.8	2856.2	3022.4	3188.8
52.5°	2841.6	2770.1	2698.8	2698.1	2697.5	2696.6	2695.9	2841.0	2986.2	3131.2	3276.3
55°	3056.7	2978.4	2900.1	2884.8	2869.5	2854.1	2838.8	2982.3	3125.6	3269.1	3412.3
57.5°	3240.9	3138.9	3037.0	3013.0	2989.0	2965.1	2941.1	3095.7	3250.5	3405.1	3559.8
60°	3322.9	3256.4	3190.1	3160.7	3131.2	3101.8	3072.4	3204.1	3335.8	3467.3	3599.0
62.5°	3281.5	3232.2	3183.1	3189.9	3196.7	3203.4	3210.2	3285.4	3360.9	3436.1	3511.4
65°	3106.8	3095.0	3083.5	3138.0	3192.5	3247.0	3301.6	3302.6	3303.7	3304.8	3305.9
67.5°	2813.3	2796.3	2779.2	2892.7	3005.8	3119.2	3232.6	3178.8	3124.9	3071.3	3017.4
70°	2350.9	2358.8	2366.4	2520.8	2675.0	2829.4	2983.8	2905.7	2827.4	2749.4	2671.1
72.5°	1798.3	1848.9	1899.3	2059.4	2219.4	2379.5	2539.6	2450.4	2361.0	2271.8	2182.4
75°	1315.5	1362.6	1409.7	1567.8	1725.9	1884.2	2042.3	1936.4	1830.4	1724.6	1618.6
77.5°	981.6	999.9	1018.0	1149.5	1280.8	1412.3	1543.6	1437.2	1330.7	1224.5	1118.1
80°	782.9	769.8	757.0	829.8	902.6	975.5	1048.3	972.9	897.2	821.7	746.3
82.5°	642.7	621.3	600.2	627.2	654.2	681.5	708.6	648.1	587.7	527.3	466.9
85°	458.4	449.5	440.5	448.4	456.0	463.9	471.7	412.8	353.9	295.3	236.4
87.5°	175.3	186.2	197.1	209.6	221.8	234.2	246.4	193.0	139.6	86.4	32.9
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°	473.9	473.9
2.5°	624.2	634.6
5°	762.4	762.2
7.5°	805.8	802.1
10°	767.9	758.3
12.5°	822.2	793.6
15°	856.2	827.6
17.5°	995.1	951.9
20°	1155.0	1103.5
22.5°	1362.1	1283.9
25°	1520.9	1427.1
27.5°	1622.1	1566.3
30°	1747.7	1683.8
32.5°	1903.2	1855.9
35°	2100.6	2057.2
37.5°	2446.2	2432.5
40°	2656.0	2639.5
42.5°	2914.9	2915.3
45°	3073.7	3083.5
47.5°	3167.2	3191.9
50°	3241.8	3294.6
52.5°	3348.4	3420.6
55°	3508.3	3604.0
57.5°	3641.3	3722.9
60°	3641.3	3683.4
62.5°	3510.3	3509.0
65°	3285.6	3265.1
67.5°	2991.7	2965.9
70°	2631.0	2590.6
72.5°	2132.4	2082.3
75°	1549.9	1481.0
77.5°	1085.4	1052.5
80°	762.2	778.1
82.5°	489.6	512.3
85°	232.9	229.4
87.5°	27.5	22.0
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: P366876
CATALOG NUMBER: MSA-SA1C-727-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)