

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: P368504

Luminaire Tested: **MSA-SA4C-740-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P368504
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-SA4C-740-U-SLR
Description: MESA POST TOP DECORATIVE LUMINAIRE. (4) 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: 20612 lumens
Efficiency: N/A
Efficacy: 91.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

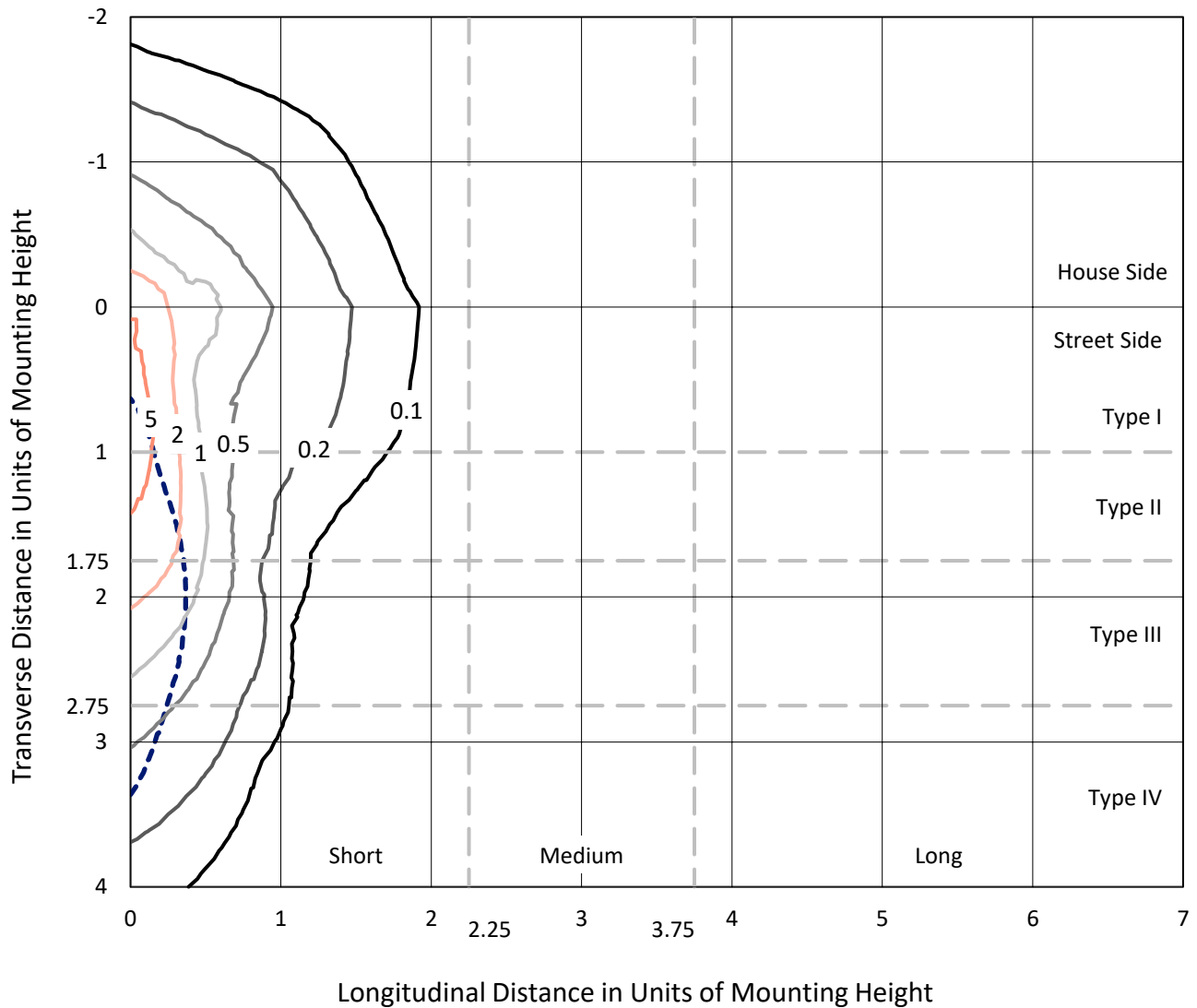
Input Watts (W): 225
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

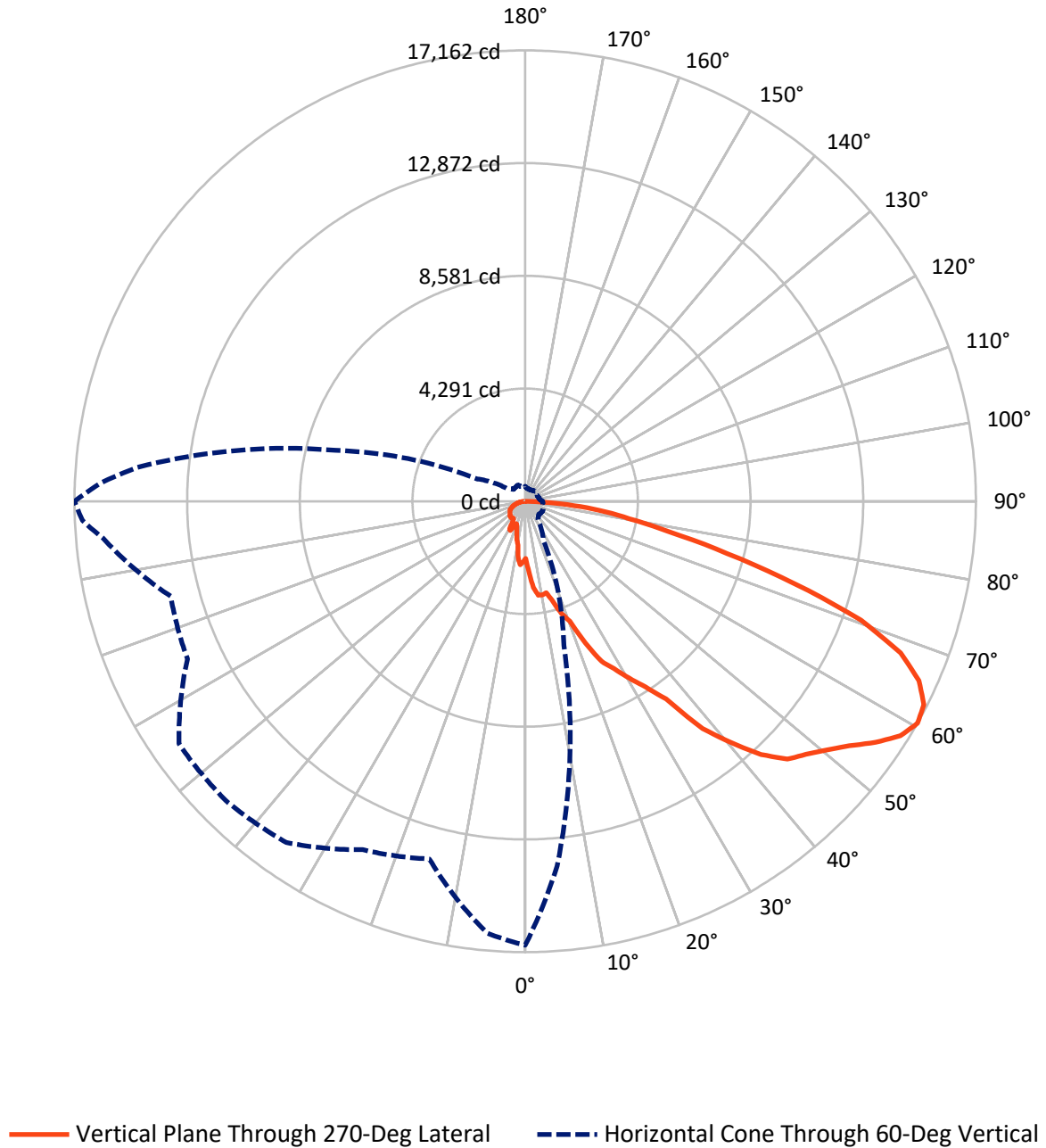
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.8 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	3992.1	0.0	3992.1
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	16619.9	0.0	16619.9
	% Fixture	80.6	0.0	80.6
Total	Lumens	20612.0	0.0	20612.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	249.2	1.2
10°-20°	724.2	3.5
20°-30°	1278.5	6.2
30°-40°	1991.2	9.7
40°-50°	3278.3	15.9
50°-60°	4679.2	22.7
60°-70°	4961.7	24.1
70°-80°	2740.5	13.3
80°-90°	709.1	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°	20612.0	100.0
0°-180°	20612.0	100.0

Coefficient of Utilization



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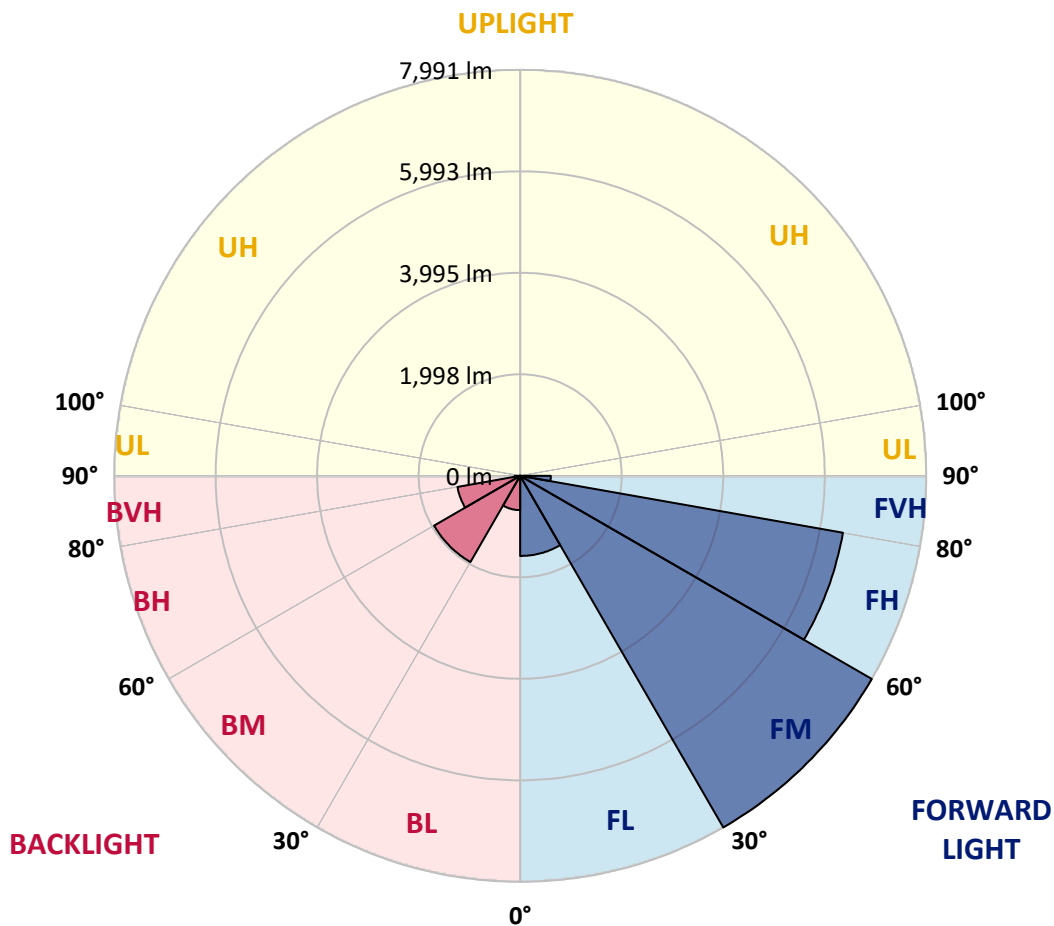
CATALOG NUMBER: MSA-SA4C-740-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1577.2	7.7			
FM (30°-60°)	7990.5	38.8			
FH (60°-80°)	6449.5	31.3			G3/7500
FVH (80°-90°)	602.6	2.9			G4/750
BL (0°-30°)	674.8	3.3	B2/1000		
BM (30°-60°)	1958.3	9.5	B2/2500		
BH (60°-80°)	1252.6	6.1	B3/2500		G3/2500
BVH (80°-90°)	106.4	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

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°	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0
2.5°	2911.4	2929.4	2946.4	2912.4	2878.4	2843.3	2809.3	2758.3	2706.3	2655.3	2603.2
5°	3496.7	3430.6	3363.6	3336.6	3310.6	3283.6	3256.5	3231.5	3206.5	3180.5	3155.5
7.5°	3679.7	3585.7	3490.7	3450.6	3410.6	3369.6	3329.6	3239.5	3149.5	3058.4	2968.4
10°	3478.6	3380.6	3281.6	3242.5	3202.5	3163.5	3123.5	3013.4	2904.4	2794.3	2684.3
12.5°	3640.7	3540.7	3439.6	3315.6	3191.5	3066.5	2942.4	2881.4	2820.3	2758.3	2697.3
15°	3796.8	3661.7	3525.7	3401.6	3277.6	3152.5	3028.4	2906.4	2784.3	2662.3	2540.2
17.5°	4367.1	4142.0	3916.9	3692.7	3467.6	3243.5	3018.4	2877.4	2735.3	2594.2	2452.2
20°	5062.4	4749.2	4435.1	4094.9	3753.8	3413.6	3072.5	2894.4	2717.3	2539.2	2361.1
22.5°	5889.8	5494.6	5099.4	4670.2	4241.0	3810.8	3381.6	3123.5	2865.4	2606.2	2348.1
25°	6547.1	6166.9	5786.7	5242.5	4698.2	4154.0	3609.7	3316.6	3023.4	2729.3	2436.2
27.5°	7185.4	6580.1	5973.8	5350.5	4728.2	4104.9	3481.6	3210.5	2939.4	2668.3	2397.1
30°	7724.7	7244.4	6764.2	5950.8	5137.4	4323.0	3509.7	3176.5	2843.3	2510.2	2177.0
32.5°	8514.0	7828.7	7142.4	6294.0	5445.6	4597.2	3748.8	3322.6	2896.4	2470.2	2044.0
35°	9437.5	8725.1	8012.8	6963.3	5914.8	4865.3	3815.8	3364.6	2912.4	2461.2	2009.0
37.5°	11159.3	9903.7	8647.1	7501.5	6356.0	5209.5	4063.9	3539.7	3015.4	2490.2	1965.9
40°	12108.7	10948.2	9787.6	8360.0	6932.3	5503.6	4075.9	3539.7	3002.4	2466.2	1928.9
42.5°	13374.3	11906.6	10437.9	8894.2	7351.5	5807.7	4264.0	3669.7	3075.5	2480.2	1885.9
45°	14145.7	12509.9	10873.1	9223.4	7573.6	5923.8	4274.0	3670.7	3067.5	2464.2	1860.9
47.5°	14642.9	13072.2	11500.4	9724.6	7948.8	6171.9	4396.1	3755.8	3114.5	2474.2	1832.9
50°	15114.2	13558.4	12001.7	10157.8	8314.9	6471.1	4627.2	3927.9	3228.5	2528.2	1828.9
52.5°	15692.4	14259.7	12826.1	10848.1	8869.2	6891.3	4912.3	4151.0	3389.6	2628.2	1866.9
55°	16533.8	15122.2	13709.5	11586.5	9462.5	7339.5	5215.5	4370.1	3525.7	2680.3	1834.9
57.5°	17079.1	15647.4	14215.7	12050.7	9885.7	7719.7	5554.6	4618.2	3681.7	2744.3	1807.9
60°	16898.0	15421.3	13943.6	11879.6	9815.6	7751.7	5687.7	4676.2	3665.7	2654.3	1642.8
62.5°	16097.6	14527.9	12958.1	11109.3	9261.4	7412.5	5563.6	4535.1	3507.7	2479.2	1450.7
65°	14979.1	13356.3	11732.6	10064.8	8397.0	6729.2	5061.4	4128.0	3193.5	2260.1	1325.6
67.5°	13606.4	11914.6	10221.8	8745.1	7268.4	5790.7	4314.0	3533.7	2754.3	1973.9	1193.6
70°	11884.6	10221.8	8559.1	7281.4	6003.8	4726.2	3448.6	2861.4	2275.1	1687.8	1100.5
72.5°	9552.5	8117.8	6683.2	5677.7	4672.2	3666.7	2661.3	2253.1	1845.9	1437.7	1029.5
75°	6794.2	5950.8	5107.4	4325.0	3542.7	2759.3	1976.9	1712.8	1448.7	1184.6	920.4
77.5°	4828.3	4331.0	3833.8	3220.5	2607.2	1993.9	1380.7	1225.6	1071.5	916.4	761.4
80°	3569.7	3154.5	2739.3	2277.1	1814.9	1352.6	890.4	814.4	739.3	663.3	587.3
82.5°	2350.1	2163.0	1974.9	1608.8	1242.6	876.4	510.2	482.2	454.2	426.2	398.2
85°	1052.5	1111.5	1169.6	945.4	720.3	496.2	271.1	258.1	245.1	232.1	219.1
87.5°	101.0	149.1	197.1	169.1	140.1	112.1	83.0	82.0	82.0	81.0	80.0
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):

	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°	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0
2.5°	2617.2	2631.2	2645.3	2659.3	2644.3	2629.2	2613.2	2598.2	2579.2	2560.2	2540.2
5°	3113.5	3070.5	3028.4	2985.4	2921.4	2857.4	2792.3	2728.3	2720.3	2711.3	2703.3
7.5°	2889.4	2811.3	2732.3	2653.3	2553.2	2454.2	2354.1	2254.1	2224.1	2194.0	2164.0
10°	2631.2	2577.2	2524.2	2470.2	2408.1	2346.1	2283.1	2221.1	2139.0	2056.0	1973.9
12.5°	2609.2	2521.2	2432.2	2344.1	2306.1	2268.1	2230.1	2192.0	2120.0	2048.0	1974.9
15°	2469.2	2397.1	2326.1	2254.1	2199.0	2144.0	2089.0	2034.0	1975.9	1916.9	1858.9
17.5°	2370.1	2288.1	2206.0	2124.0	2061.0	1997.9	1933.9	1870.9	1800.9	1729.8	1659.8
20°	2267.1	2174.0	2080.0	1985.9	1905.9	1826.9	1746.8	1666.8	1589.8	1513.7	1436.7
22.5°	2225.1	2102.0	1978.9	1855.9	1771.8	1686.8	1602.8	1517.7	1446.7	1375.7	1304.6
25°	2289.1	2143.0	1995.9	1848.9	1735.8	1621.8	1508.7	1394.7	1335.6	1276.6	1216.6
27.5°	2214.0	2030.0	1846.9	1662.8	1541.7	1419.7	1298.6	1176.6	1167.6	1158.5	1148.5
30°	1983.9	1790.8	1597.8	1404.7	1293.6	1181.6	1070.5	958.5	937.4	915.4	894.4
32.5°	1846.9	1649.8	1452.7	1255.6	1156.5	1056.5	957.5	857.4	833.4	809.4	785.4
35°	1794.8	1580.7	1366.6	1152.5	1067.5	982.5	897.4	812.4	795.4	779.4	762.4
37.5°	1752.8	1540.7	1327.6	1114.5	1032.5	950.4	867.4	785.4	772.4	759.4	746.4
40°	1712.8	1497.7	1281.6	1065.5	992.5	920.4	847.4	774.4	766.4	758.4	749.4
42.5°	1676.8	1467.7	1257.6	1048.5	983.5	919.4	854.4	789.4	781.4	773.4	765.4
45°	1656.8	1452.7	1248.6	1044.5	997.5	950.4	902.4	855.4	836.4	817.4	797.4
47.5°	1641.8	1450.7	1259.6	1068.5	1019.5	970.5	921.4	872.4	855.4	838.4	820.4
50°	1644.8	1461.7	1277.6	1093.5	1034.5	974.5	915.4	855.4	853.4	851.4	849.4
52.5°	1671.8	1477.7	1282.6	1087.5	1023.5	959.5	894.4	830.4	843.4	855.4	868.4
55°	1632.8	1430.7	1227.6	1025.5	964.5	904.4	843.4	782.4	799.4	815.4	832.4
57.5°	1588.8	1369.6	1150.5	931.4	885.4	839.4	792.4	746.4	764.4	783.4	801.4
60°	1442.7	1242.6	1042.5	842.4	811.4	780.4	749.4	718.3	726.3	734.3	742.4
62.5°	1282.6	1113.5	945.4	776.4	752.4	727.3	703.3	678.3	678.3	679.3	679.3
65°	1180.6	1035.5	890.4	745.4	718.3	691.3	663.3	636.3	632.3	628.3	624.3
67.5°	1078.5	964.5	849.4	734.3	695.3	657.3	618.3	579.3	574.3	570.3	565.3
70°	998.5	896.4	794.4	692.3	648.3	605.3	561.3	517.2	513.2	510.2	506.2
72.5°	933.4	838.4	742.4	646.3	600.3	553.3	507.2	460.2	457.2	454.2	450.2
75°	835.4	751.4	666.3	581.3	536.3	492.2	447.2	402.2	398.2	395.2	391.2
77.5°	691.3	620.3	550.3	479.2	444.2	410.2	375.2	340.2	338.2	336.2	333.2
80°	532.3	477.2	421.2	366.2	343.2	319.2	296.1	272.1	271.1	270.1	268.1
82.5°	365.2	332.2	299.1	266.1	249.1	231.1	214.1	196.1	197.1	198.1	199.1
85°	208.1	196.1	185.1	173.1	159.1	146.1	132.1	118.1	121.1	124.1	126.1
87.5°	76.0	72.0	68.0	64.0	57.0	51.0	44.0	37.0	39.0	42.0	44.0
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: P368504
 CATALOG NUMBER: MSA-SA4C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P368504

CATALOG NUMBER: MSA-SA4C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0
2.5°	2521.2	2491.2	2461.2	2431.2	2401.1	2339.1	2278.1	2216.0	2154.0	2192.0	2231.1
5°	2694.3	2643.3	2591.2	2540.2	2488.2	2459.2	2430.1	2401.1	2372.1	2387.1	2403.1
7.5°	2134.0	2104.0	2073.0	2043.0	2012.0	1998.9	1986.9	1973.9	1960.9	1997.9	2035.0
10°	1890.9	1848.9	1806.9	1763.8	1721.8	1696.8	1671.8	1646.8	1621.8	1631.8	1641.8
12.5°	1902.9	1840.9	1778.8	1716.8	1654.8	1617.8	1580.7	1543.7	1506.7	1515.7	1524.7
15°	1799.9	1735.8	1671.8	1607.8	1543.7	1500.7	1456.7	1413.7	1369.6	1354.6	1338.6
17.5°	1588.8	1518.7	1448.7	1378.7	1308.6	1279.6	1250.6	1221.6	1192.6	1176.6	1160.5
20°	1359.6	1294.6	1229.6	1164.6	1099.5	1079.5	1059.5	1038.5	1018.5	1008.5	997.5
22.5°	1233.6	1193.6	1152.5	1112.5	1071.5	1048.5	1026.5	1003.5	980.5	969.5	957.5
25°	1157.5	1165.6	1174.6	1182.6	1190.6	1180.6	1169.6	1159.5	1148.5	1152.5	1155.5
27.5°	1139.5	1156.5	1174.6	1191.6	1208.6	1217.6	1226.6	1235.6	1244.6	1247.6	1250.6
30°	872.4	881.4	889.4	898.4	906.4	931.4	956.5	980.5	1005.5	1044.5	1084.5
32.5°	761.4	758.4	755.4	751.4	748.4	754.4	760.4	765.4	771.4	785.4	800.4
35°	745.4	738.3	730.3	723.3	715.3	718.3	721.3	724.3	727.3	738.3	749.4
37.5°	733.3	730.3	728.3	725.3	722.3	729.3	735.3	742.4	748.4	757.4	766.4
40°	741.4	740.4	739.3	737.3	736.3	740.4	744.4	748.4	752.4	764.4	776.4
42.5°	757.4	757.4	756.4	756.4	755.4	759.4	762.4	766.4	769.4	776.4	783.4
45°	778.4	776.4	775.4	773.4	771.4	770.4	770.4	769.4	768.4	772.4	777.4
47.5°	803.4	796.4	788.4	781.4	773.4	771.4	768.4	766.4	763.4	765.4	767.4
50°	847.4	828.4	810.4	791.4	772.4	767.4	762.4	757.4	752.4	751.4	751.4
52.5°	880.4	852.4	824.4	796.4	768.4	759.4	750.4	741.4	732.3	730.3	729.3
55°	848.4	827.4	807.4	786.4	765.4	752.4	738.3	725.3	711.3	708.3	705.3
57.5°	819.4	806.4	793.4	780.4	767.4	754.4	740.4	727.3	713.3	706.3	699.3
60°	750.4	750.4	751.4	751.4	751.4	737.3	723.3	709.3	695.3	688.3	682.3
62.5°	679.3	690.3	700.3	711.3	721.3	702.3	682.3	663.3	643.3	638.3	634.3
65°	620.3	623.3	627.3	630.3	633.3	618.3	603.3	588.3	573.3	570.3	566.3
67.5°	560.3	559.3	558.3	556.3	555.3	546.3	536.3	527.2	517.2	513.2	509.2
70°	502.2	501.2	500.2	498.2	497.2	489.2	481.2	473.2	465.2	462.2	459.2
72.5°	447.2	446.2	444.2	443.2	441.2	434.2	428.2	421.2	414.2	410.2	406.2
75°	387.2	385.2	383.2	381.2	379.2	373.2	367.2	360.2	354.2	350.2	346.2
77.5°	331.2	328.2	325.2	321.2	318.2	313.1	307.1	302.1	296.1	291.1	287.1
80°	267.1	265.1	263.1	260.1	258.1	253.1	248.1	242.1	237.1	231.1	226.1
82.5°	200.1	199.1	197.1	196.1	194.1	189.1	184.1	179.1	174.1	168.1	162.1
85°	129.1	128.1	127.1	126.1	125.1	121.1	118.1	114.1	110.1	104.0	99.0
87.5°	46.0	44.0	43.0	41.0	39.0	38.0	36.0	35.0	33.0	30.0	27.0
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: P368504
 CATALOG NUMBER: MSA-SA4C-740-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: P368504

CATALOG NUMBER: MSA-SA4C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0
2.5°	2269.1	2307.1	2308.1	2308.1	2326.1	2343.1	2308.1	2273.1	2237.1	2202.0	2167.0
5°	2418.1	2433.2	2429.1	2424.1	2402.1	2380.1	2357.1	2334.1	2311.1	2288.1	2289.1
7.5°	2072.0	2109.0	2139.0	2168.0	2140.0	2112.0	2097.0	2082.0	2067.0	2052.0	2050.0
10°	1650.8	1660.8	1672.8	1683.8	1666.8	1648.8	1678.8	1708.8	1737.8	1767.8	1734.8
12.5°	1533.7	1542.7	1521.7	1499.7	1492.7	1485.7	1478.7	1470.7	1463.7	1455.7	1451.7
15°	1323.6	1307.6	1291.6	1274.6	1270.6	1265.6	1260.6	1254.6	1249.6	1243.6	1225.6
17.5°	1144.5	1128.5	1101.5	1073.5	1062.5	1050.5	1047.5	1044.5	1040.5	1037.5	1020.5
20°	987.5	976.5	969.5	961.5	950.4	939.4	928.4	917.4	905.4	894.4	878.4
22.5°	946.4	934.4	925.4	915.4	913.4	911.4	891.4	870.4	850.4	829.4	820.4
25°	1159.5	1162.6	1107.5	1051.5	1046.5	1041.5	1005.5	968.5	932.4	895.4	864.4
27.5°	1252.6	1255.6	1253.6	1251.6	1235.6	1218.6	1157.5	1095.5	1034.5	972.5	928.4
30°	1123.5	1162.6	1177.6	1192.6	1181.6	1169.6	1105.5	1042.5	978.5	914.4	885.4
32.5°	814.4	828.4	853.4	877.4	890.4	902.4	882.4	862.4	842.4	822.4	817.4
35°	759.4	770.4	775.4	780.4	772.4	764.4	749.4	734.3	718.3	703.3	700.3
37.5°	774.4	783.4	793.4	803.4	781.4	758.4	741.4	725.3	708.3	691.3	677.3
40°	788.4	800.4	806.4	812.4	790.4	768.4	747.4	727.3	706.3	685.3	671.3
42.5°	790.4	797.4	808.4	819.4	788.4	756.4	737.3	717.3	698.3	678.3	664.3
45°	781.4	785.4	795.4	805.4	769.4	732.3	715.3	697.3	680.3	662.3	650.3
47.5°	768.4	770.4	778.4	785.4	747.4	708.3	692.3	676.3	659.3	643.3	631.3
50°	750.4	749.4	755.4	760.4	721.3	682.3	666.3	651.3	635.3	619.3	609.3
52.5°	727.3	725.3	731.3	736.3	695.3	654.3	640.3	627.3	613.3	599.3	591.3
55°	701.3	698.3	703.3	708.3	668.3	627.3	615.3	602.3	590.3	577.3	570.3
57.5°	691.3	684.3	687.3	690.3	645.3	600.3	588.3	576.3	564.3	552.3	547.3
60°	675.3	668.3	671.3	673.3	625.3	576.3	565.3	553.3	542.3	530.3	525.2
62.5°	629.3	624.3	628.3	632.3	589.3	545.3	535.3	526.2	516.2	506.2	499.2
65°	563.3	559.3	567.3	575.3	538.3	501.2	495.2	489.2	482.2	476.2	469.2
67.5°	505.2	501.2	509.2	517.2	490.2	463.2	457.2	451.2	445.2	439.2	435.2
70°	456.2	453.2	460.2	467.2	444.2	421.2	415.2	410.2	404.2	398.2	395.2
72.5°	401.2	397.2	406.2	414.2	395.2	375.2	370.2	364.2	359.2	353.2	351.2
75°	342.2	338.2	346.2	353.2	340.2	326.2	321.2	316.1	311.1	306.1	305.1
77.5°	282.1	277.1	285.1	292.1	284.1	275.1	271.1	266.1	262.1	257.1	257.1
80°	220.1	214.1	220.1	225.1	222.1	219.1	216.1	212.1	209.1	205.1	206.1
82.5°	156.1	150.1	153.1	156.1	158.1	160.1	160.1	160.1	160.1	160.1	160.1
85°	93.0	87.0	88.0	89.0	92.0	95.0	96.0	97.0	98.0	99.0	100.0
87.5°	24.0	21.0	19.0	16.0	19.0	21.0	23.0	24.0	26.0	27.0	27.0
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: P368504
 CATALOG NUMBER: MSA-SA4C-740-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: P368504

CATALOG NUMBER: MSA-SA4C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0
2.5°	2132.0	2096.0	2061.0	2083.0	2104.0	2126.0	2147.0	2148.0	2148.0	2149.0	2149.0
5°	2291.1	2292.1	2293.1	2272.1	2252.1	2231.1	2210.0	2199.0	2188.0	2176.0	2165.0
7.5°	2047.0	2045.0	2042.0	2022.0	2001.9	1981.9	1961.9	1913.9	1864.9	1816.9	1767.8
10°	1700.8	1667.8	1633.8	1625.8	1618.8	1610.8	1602.8	1589.8	1577.7	1564.7	1551.7
12.5°	1447.7	1443.7	1439.7	1418.7	1397.7	1375.7	1354.6	1354.6	1354.6	1354.6	1354.6
15°	1206.6	1188.6	1169.6	1159.5	1148.5	1138.5	1127.5	1122.5	1117.5	1112.5	1107.5
17.5°	1002.5	985.5	967.5	965.5	963.5	961.5	959.5	954.5	949.4	944.4	939.4
20°	862.4	846.4	830.4	836.4	842.4	847.4	853.4	848.4	843.4	837.4	832.4
22.5°	810.4	801.4	791.4	786.4	781.4	775.4	770.4	770.4	771.4	771.4	771.4
25°	834.4	803.4	772.4	757.4	742.4	726.3	711.3	705.3	700.3	694.3	688.3
27.5°	884.4	839.4	795.4	769.4	743.4	717.3	691.3	680.3	668.3	657.3	645.3
30°	855.4	826.4	796.4	766.4	736.3	706.3	676.3	662.3	648.3	633.3	619.3
32.5°	812.4	806.4	801.4	773.4	745.4	716.3	688.3	682.3	677.3	671.3	665.3
35°	696.3	693.3	689.3	682.3	675.3	668.3	661.3	653.3	645.3	637.3	629.3
37.5°	664.3	650.3	636.3	633.3	630.3	627.3	624.3	621.3	618.3	614.3	611.3
40°	657.3	643.3	629.3	624.3	619.3	613.3	608.3	609.3	611.3	612.3	613.3
42.5°	649.3	635.3	620.3	616.3	612.3	608.3	604.3	605.3	607.3	608.3	609.3
45°	639.3	627.3	615.3	608.3	602.3	595.3	588.3	594.3	600.3	605.3	611.3
47.5°	619.3	606.3	594.3	590.3	586.3	581.3	577.3	583.3	589.3	594.3	600.3
50°	598.3	588.3	577.3	576.3	575.3	573.3	572.3	576.3	580.3	584.3	588.3
52.5°	582.3	574.3	565.3	565.3	564.3	564.3	563.3	567.3	571.3	574.3	578.3
55°	564.3	557.3	550.3	551.3	553.3	554.3	555.3	559.3	564.3	568.3	572.3
57.5°	541.3	536.3	530.3	534.3	537.3	541.3	544.3	547.3	551.3	554.3	557.3
60°	519.2	514.2	508.2	512.2	517.2	521.2	525.2	528.2	531.3	534.3	537.3
62.5°	492.2	484.2	477.2	483.2	488.2	494.2	499.2	501.2	504.2	506.2	508.2
65°	463.2	456.2	449.2	453.2	457.2	460.2	464.2	467.2	470.2	473.2	476.2
67.5°	430.2	426.2	421.2	424.2	427.2	430.2	433.2	434.2	434.2	435.2	435.2
70°	391.2	388.2	384.2	386.2	389.2	391.2	393.2	393.2	393.2	392.2	392.2
72.5°	350.2	348.2	346.2	347.2	349.2	350.2	351.2	350.2	349.2	348.2	347.2
75°	304.1	303.1	302.1	303.1	305.1	306.1	307.1	306.1	304.1	303.1	301.1
77.5°	258.1	258.1	258.1	258.1	259.1	259.1	259.1	257.1	255.1	253.1	251.1
80°	207.1	208.1	209.1	209.1	209.1	209.1	209.1	207.1	205.1	202.1	200.1
82.5°	160.1	160.1	160.1	160.1	161.1	161.1	161.1	156.1	152.1	147.1	142.1
85°	100.0	101.0	101.0	102.0	103.0	103.0	104.0	97.0	91.0	84.0	77.0
87.5°	27.0	27.0	27.0	27.0	27.0	26.0	26.0	20.0	13.0	7.0	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: P368504
 CATALOG NUMBER: MSA-SA4C-740-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: P368504

CATALOG NUMBER: MSA-SA4C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0
2.5°	2155.0	2161.0	2166.0	2172.0	2173.0	2174.0	2174.0	2175.0	2154.0	2133.0	2111.0
5°	2180.0	2194.0	2209.0	2223.1	2220.1	2217.0	2214.0	2211.0	2205.0	2200.0	2194.0
7.5°	1756.8	1746.8	1735.8	1724.8	1733.8	1742.8	1751.8	1760.8	1764.8	1768.8	1771.8
10°	1526.7	1501.7	1476.7	1451.7	1437.7	1422.7	1408.7	1393.7	1391.7	1390.7	1388.7
12.5°	1328.6	1301.6	1275.6	1248.6	1240.6	1231.6	1223.6	1214.6	1222.6	1230.6	1237.6
15°	1096.5	1086.5	1075.5	1064.5	1073.5	1082.5	1091.5	1100.5	1108.5	1115.5	1123.5
17.5°	934.4	930.4	925.4	920.4	928.4	937.4	945.4	953.5	971.5	989.5	1007.5
20°	828.4	825.4	821.4	817.4	814.4	810.4	807.4	803.4	829.4	854.4	880.4
22.5°	765.4	759.4	753.4	747.4	748.4	749.4	749.4	750.4	771.4	793.4	814.4
25°	686.3	684.3	682.3	680.3	686.3	692.3	697.3	703.3	722.3	741.4	759.4
27.5°	646.3	647.3	648.3	649.3	657.3	666.3	674.3	682.3	695.3	708.3	721.3
30°	624.3	630.3	635.3	640.3	643.3	646.3	649.3	652.3	665.3	677.3	690.3
32.5°	657.3	649.3	640.3	632.3	636.3	641.3	645.3	649.3	661.3	673.3	685.3
35°	626.3	622.3	619.3	615.3	620.3	625.3	629.3	634.3	645.3	655.3	666.3
37.5°	610.3	609.3	608.3	607.3	610.3	613.3	615.3	618.3	628.3	638.3	647.3
40°	609.3	604.3	600.3	595.3	598.3	601.3	603.3	606.3	618.3	630.3	642.3
42.5°	603.3	597.3	590.3	584.3	587.3	591.3	594.3	597.3	610.3	622.3	635.3
45°	602.3	593.3	583.3	574.3	578.3	582.3	586.3	590.3	600.3	610.3	619.3
47.5°	591.3	582.3	573.3	564.3	566.3	568.3	569.3	571.3	580.3	588.3	597.3
50°	582.3	575.3	569.3	562.3	559.3	557.3	554.3	551.3	558.3	565.3	572.3
52.5°	571.3	564.3	556.3	549.3	545.3	541.3	537.3	533.3	539.3	544.3	550.3
55°	564.3	555.3	547.3	538.3	533.3	528.2	523.2	518.2	522.2	525.2	529.3
57.5°	549.3	541.3	532.3	524.2	518.2	512.2	505.2	499.2	501.2	503.2	505.2
60°	529.3	520.2	512.2	503.2	496.2	489.2	481.2	474.2	475.2	477.2	478.2
62.5°	500.2	492.2	483.2	475.2	467.2	460.2	452.2	444.2	446.2	447.2	449.2
65°	468.2	459.2	451.2	442.2	435.2	428.2	420.2	413.2	415.2	417.2	418.2
67.5°	429.2	422.2	416.2	409.2	403.2	396.2	390.2	383.2	384.2	385.2	386.2
70°	387.2	381.2	376.2	370.2	365.2	360.2	355.2	350.2	350.2	351.2	351.2
72.5°	342.2	337.2	332.2	327.2	322.2	318.2	313.1	308.1	310.1	312.1	313.1
75°	296.1	292.1	287.1	282.1	278.1	274.1	269.1	265.1	267.1	269.1	270.1
77.5°	248.1	245.1	241.1	238.1	234.1	230.1	225.1	221.1	223.1	225.1	226.1
80°	198.1	196.1	193.1	191.1	187.1	183.1	179.1	175.1	176.1	176.1	177.1
82.5°	143.1	144.1	144.1	145.1	142.1	138.1	135.1	131.1	131.1	131.1	130.1
85°	80.0	84.0	87.0	90.0	87.0	84.0	81.0	78.0	77.0	77.0	76.0
87.5°	3.0	5.0	8.0	10.0	9.0	8.0	6.0	5.0	6.0	7.0	7.0
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: P368504
 CATALOG NUMBER: MSA-SA4C-740-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: P368504

CATALOG NUMBER: MSA-SA4C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0
2.5°	2090.0	2107.0	2124.0	2141.0	2158.0	2184.0	2210.0	2237.1	2264.1	2249.1	2233.1
5°	2188.0	2198.0	2209.0	2219.1	2229.1	2258.1	2286.1	2321.1	2355.1	2351.1	2346.1
7.5°	1775.8	1789.8	1803.9	1816.9	1830.9	1874.9	1918.9	1955.9	1992.9	1987.9	1981.9
10°	1386.7	1415.7	1445.7	1474.7	1503.7	1539.7	1574.7	1605.8	1636.8	1688.8	1739.8
12.5°	1245.6	1290.6	1335.6	1380.7	1425.7	1451.7	1476.7	1516.7	1556.7	1584.7	1613.8
15°	1130.5	1172.6	1214.6	1256.6	1298.6	1300.6	1302.6	1344.6	1386.7	1410.7	1433.7
17.5°	1025.5	1048.5	1071.5	1093.5	1116.5	1108.5	1100.5	1120.5	1139.5	1149.5	1160.5
20°	905.4	921.4	937.4	953.5	969.5	980.5	990.5	1002.5	1013.5	1003.5	992.5
22.5°	835.4	859.4	884.4	908.4	932.4	939.4	945.4	938.4	931.4	928.4	925.4
25°	778.4	807.4	837.4	866.4	895.4	909.4	923.4	929.4	934.4	923.4	912.4
27.5°	734.3	769.4	803.4	838.4	872.4	897.4	922.4	929.4	935.4	927.4	918.4
30°	702.3	740.4	778.4	816.4	854.4	892.4	929.4	962.5	994.5	991.5	988.5
32.5°	697.3	723.3	749.4	775.4	801.4	825.4	848.4	850.4	851.4	843.4	834.4
35°	676.3	693.3	710.3	727.3	744.4	759.4	773.4	771.4	769.4	761.4	753.4
37.5°	657.3	674.3	692.3	709.3	726.3	752.4	777.4	772.4	766.4	758.4	750.4
40°	654.3	673.3	692.3	710.3	729.3	753.4	777.4	772.4	767.4	757.4	747.4
42.5°	647.3	666.3	684.3	703.3	721.3	750.4	778.4	769.4	759.4	751.4	743.4
45°	629.3	646.3	663.3	680.3	697.3	728.3	759.4	748.4	737.3	734.3	730.3
47.5°	605.3	622.3	639.3	656.3	673.3	704.3	734.3	725.3	715.3	714.3	712.3
50°	579.3	595.3	612.3	628.3	644.3	675.3	705.3	697.3	689.3	690.3	690.3
52.5°	555.3	570.3	584.3	599.3	613.3	644.3	674.3	668.3	661.3	663.3	664.3
55°	532.3	544.3	556.3	568.3	580.3	610.3	640.3	631.3	622.3	625.3	628.3
57.5°	507.2	517.2	527.2	536.3	546.3	576.3	605.3	595.3	584.3	589.3	593.3
60°	479.2	488.2	497.2	505.2	514.2	541.3	567.3	558.3	548.3	555.3	561.3
62.5°	450.2	457.2	464.2	471.2	478.2	503.2	528.2	521.2	514.2	522.2	529.3
65°	420.2	425.2	431.2	436.2	441.2	465.2	488.2	483.2	478.2	485.2	492.2
67.5°	387.2	391.2	396.2	400.2	404.2	426.2	448.2	443.2	437.2	443.2	448.2
70°	351.2	355.2	358.2	362.2	365.2	385.2	405.2	398.2	390.2	396.2	401.2
72.5°	315.1	317.2	320.2	322.2	324.2	339.2	354.2	348.2	342.2	348.2	353.2
75°	272.1	274.1	276.1	278.1	280.1	293.1	305.1	298.1	290.1	296.1	302.1
77.5°	228.1	229.1	231.1	232.1	233.1	242.1	250.1	243.1	235.1	242.1	249.1
80°	177.1	178.1	179.1	179.1	180.1	183.1	186.1	181.1	175.1	184.1	193.1
82.5°	130.1	129.1	129.1	128.1	127.1	127.1	126.1	123.1	119.1	127.1	135.1
85°	75.0	74.0	72.0	71.0	69.0	66.0	63.0	62.0	61.0	68.0	75.0
87.5°	8.0	7.0	5.0	4.0	2.0	1.0	0.0	0.0	0.0	4.0	9.0
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: P368504
 CATALOG NUMBER: MSA-SA4C-740-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: P368504

CATALOG NUMBER: MSA-SA4C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0
2.5°	2218.0	2202.0	2187.0	2172.0	2157.0	2142.0	2170.0	2198.0	2226.1	2254.1	2279.1
5°	2342.1	2337.1	2324.1	2312.1	2299.1	2286.1	2293.1	2301.1	2308.1	2315.1	2330.1
7.5°	1976.9	1970.9	1998.9	2026.0	2054.0	2081.0	2088.0	2094.0	2101.0	2107.0	2103.0
10°	1791.8	1842.9	1855.9	1867.9	1880.9	1892.9	1912.9	1932.9	1951.9	1971.9	1982.9
12.5°	1641.8	1669.8	1715.8	1762.8	1808.9	1854.9	1884.9	1914.9	1944.9	1974.9	2037.0
15°	1457.7	1480.7	1515.7	1550.7	1585.8	1620.8	1663.8	1707.8	1750.8	1793.8	1861.9
17.5°	1170.6	1180.6	1206.6	1232.6	1257.6	1283.6	1341.6	1398.7	1456.7	1513.7	1591.8
20°	982.5	971.5	971.5	972.5	972.5	972.5	1030.5	1087.5	1145.5	1202.6	1305.6
22.5°	921.4	918.4	907.4	895.4	884.4	872.4	902.4	933.4	963.5	993.5	1077.5
25°	900.4	889.4	875.4	861.4	847.4	833.4	852.4	871.4	890.4	909.4	975.5
27.5°	910.4	901.4	908.4	914.4	921.4	927.4	933.4	939.4	945.4	951.5	974.5
30°	985.5	982.5	993.5	1003.5	1014.5	1024.5	1010.5	997.5	983.5	969.5	977.5
32.5°	826.4	817.4	813.4	809.4	805.4	801.4	800.4	799.4	797.4	796.4	814.4
35°	745.4	737.3	731.3	725.3	718.3	712.3	715.3	717.3	720.3	722.3	742.4
37.5°	742.4	734.3	727.3	720.3	712.3	705.3	708.3	712.3	715.3	718.3	733.3
40°	737.3	727.3	723.3	719.3	715.3	711.3	713.3	715.3	716.3	718.3	729.3
42.5°	734.3	726.3	724.3	722.3	720.3	718.3	720.3	722.3	723.3	725.3	738.3
45°	727.3	723.3	725.3	727.3	729.3	731.3	731.3	731.3	731.3	731.3	745.4
47.5°	711.3	709.3	715.3	721.3	727.3	733.3	743.4	753.4	762.4	772.4	775.4
50°	691.3	691.3	701.3	711.3	720.3	730.3	754.4	777.4	801.4	824.4	809.4
52.5°	666.3	667.3	682.3	696.3	711.3	725.3	747.4	769.4	790.4	812.4	790.4
55°	630.3	633.3	652.3	670.3	689.3	707.3	724.3	741.4	758.4	775.4	752.4
57.5°	598.3	602.3	622.3	641.3	661.3	680.3	690.3	701.3	711.3	721.3	706.3
60°	568.3	574.3	600.3	626.3	651.3	677.3	669.3	661.3	652.3	644.3	643.3
62.5°	537.3	544.3	568.3	592.3	615.3	639.3	627.3	615.3	602.3	590.3	595.3
65°	498.2	505.2	516.2	527.2	537.3	548.3	547.3	547.3	546.3	545.3	555.3
67.5°	454.2	459.2	466.2	472.2	479.2	485.2	489.2	494.2	498.2	502.2	514.2
70°	407.2	412.2	419.2	425.2	432.2	438.2	443.2	448.2	452.2	457.2	469.2
72.5°	359.2	364.2	371.2	378.2	384.2	391.2	395.2	399.2	402.2	406.2	416.2
75°	308.1	314.1	321.2	327.2	334.2	340.2	343.2	346.2	349.2	352.2	361.2
77.5°	256.1	263.1	270.1	277.1	284.1	291.1	292.1	293.1	294.1	295.1	303.1
80°	201.1	210.1	217.1	224.1	231.1	238.1	238.1	238.1	238.1	238.1	242.1
82.5°	143.1	151.1	159.1	166.1	174.1	181.1	181.1	180.1	180.1	179.1	179.1
85°	82.0	89.0	94.0	100.0	105.0	110.1	110.1	110.1	109.1	109.1	107.1
87.5°	13.0	17.0	19.0	22.0	24.0	26.0	25.0	25.0	24.0	23.0	20.0
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: P368504
 CATALOG NUMBER: MSA-SA4C-740-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: P368504

CATALOG NUMBER: MSA-SA4C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0
2.5°	2304.1	2329.1	2354.1	2350.1	2346.1	2342.1	2338.1	2353.1	2367.1	2382.1	2396.1
5°	2344.1	2359.1	2373.1	2384.1	2395.1	2406.1	2417.1	2468.2	2518.2	2569.2	2619.2
7.5°	2099.0	2094.0	2090.0	2137.0	2185.0	2232.1	2279.1	2344.1	2409.1	2474.2	2539.2
10°	1993.9	2004.9	2016.0	2035.0	2055.0	2074.0	2093.0	2157.0	2221.1	2285.1	2349.1
12.5°	2098.0	2160.0	2221.1	2236.1	2252.1	2267.1	2282.1	2295.1	2308.1	2320.1	2333.1
15°	1929.9	1997.9	2066.0	2105.0	2144.0	2182.0	2221.1	2319.1	2416.1	2514.2	2611.2
17.5°	1668.8	1746.8	1823.9	1919.9	2016.0	2112.0	2208.0	2298.1	2388.1	2477.2	2567.2
20°	1408.7	1510.7	1613.8	1718.8	1822.9	1927.9	2032.0	2120.0	2208.0	2295.1	2383.1
22.5°	1160.5	1244.6	1327.6	1455.7	1582.7	1710.8	1837.9	2001.9	2165.0	2329.1	2492.2
25°	1040.5	1106.5	1171.6	1303.6	1435.7	1566.7	1698.8	1911.9	2124.0	2337.1	2549.2
27.5°	998.5	1021.5	1044.5	1164.6	1283.6	1403.7	1522.7	1752.8	1982.9	2212.0	2442.2
30°	985.5	993.5	1001.5	1095.5	1189.6	1283.6	1377.7	1604.8	1832.9	2060.0	2287.1
32.5°	831.4	849.4	866.4	958.5	1049.5	1141.5	1232.6	1461.7	1689.8	1918.9	2147.0
35°	762.4	782.4	802.4	892.4	982.5	1071.5	1161.5	1402.7	1644.8	1885.9	2127.0
37.5°	748.4	763.4	778.4	880.4	982.5	1084.5	1186.6	1430.7	1674.8	1918.9	2163.0
40°	741.4	752.4	763.4	862.4	962.5	1061.5	1160.5	1416.7	1671.8	1927.9	2183.0
42.5°	750.4	763.4	775.4	865.4	954.5	1044.5	1133.5	1398.7	1662.8	1927.9	2192.0
45°	758.4	772.4	785.4	869.4	953.5	1037.5	1121.5	1404.7	1686.8	1969.9	2252.1
47.5°	777.4	780.4	782.4	855.4	927.4	1000.5	1072.5	1360.6	1648.8	1935.9	2224.1
50°	793.4	778.4	762.4	838.4	913.4	989.5	1064.5	1337.6	1610.8	1882.9	2156.0
52.5°	768.4	745.4	723.3	805.4	887.4	968.5	1050.5	1323.6	1597.8	1870.9	2144.0
55°	730.3	707.3	684.3	767.4	850.4	933.4	1016.5	1288.6	1561.7	1833.9	2106.0
57.5°	692.3	677.3	662.3	730.3	799.4	867.4	935.4	1230.6	1524.7	1819.9	2114.0
60°	642.3	640.3	639.3	692.3	746.4	799.4	852.4	1141.5	1429.7	1718.8	2006.9
62.5°	599.3	604.3	608.3	651.3	694.3	736.3	779.4	1058.5	1338.6	1617.8	1896.9
65°	566.3	576.3	586.3	635.3	684.3	732.3	781.4	1015.5	1249.6	1483.7	1717.8
67.5°	526.2	538.3	550.3	614.3	678.3	742.4	806.4	999.5	1192.6	1385.7	1578.7
70°	480.2	492.2	503.2	585.3	666.3	748.4	829.4	1000.5	1172.6	1343.6	1514.7
72.5°	426.2	436.2	446.2	534.3	622.3	710.3	798.4	943.4	1088.5	1232.6	1377.7
75°	371.2	380.2	389.2	465.2	541.3	617.3	693.3	805.4	916.4	1028.5	1139.5
77.5°	310.1	318.2	325.2	376.2	427.2	478.2	529.3	615.3	700.3	786.4	871.4
80°	246.1	250.1	254.1	284.1	313.1	343.2	372.2	429.2	486.2	542.3	599.3
82.5°	180.1	180.1	180.1	199.1	219.1	238.1	257.1	286.1	314.1	343.2	371.2
85°	105.0	102.0	100.0	113.1	126.1	139.1	152.1	164.1	176.1	188.1	200.1
87.5°	17.0	13.0	10.0	18.0	26.0	34.0	42.0	46.0	51.0	55.0	59.0
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: P368504
 CATALOG NUMBER: MSA-SA4C-740-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: P368504

CATALOG NUMBER: MSA-SA4C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0
2.5°	2362.1	2329.1	2295.1	2261.1	2311.1	2361.1	2411.1	2461.2	2594.2	2673.3	2678.3
5°	2661.3	2703.3	2745.3	2787.3	2829.3	2871.4	2912.4	2954.4	3170.5	3303.6	3328.6
7.5°	2608.2	2678.3	2747.3	2816.3	2935.4	3054.4	3173.5	3292.6	3475.6	3607.7	3694.7
10°	2435.2	2521.2	2607.2	2693.3	2834.3	2976.4	3117.5	3258.5	3452.6	3626.7	3709.8
12.5°	2470.2	2607.2	2743.3	2880.4	3002.4	3125.5	3247.5	3369.6	3503.7	3569.7	3720.8
15°	2706.3	2801.3	2896.4	2991.4	3175.5	3358.6	3542.7	3725.8	3801.8	3952.9	4088.9
17.5°	2742.3	2916.4	3091.5	3265.5	3490.7	3715.8	3940.9	4166.0	4307.0	4502.1	4666.2
20°	2630.2	2876.4	3123.5	3369.6	3659.7	3950.9	4241.0	4531.1	4710.2	4874.3	5128.4
22.5°	2764.3	3036.4	3307.6	3579.7	3964.9	4349.1	4734.2	5118.4	5492.6	5858.8	6030.9
25°	2912.4	3276.6	3639.7	4002.9	4484.1	4964.3	5445.6	5925.8	6407.0	6750.2	6948.3
27.5°	2808.3	3173.5	3539.7	3904.8	4500.1	5096.4	5691.7	6287.0	6802.2	7215.4	7385.5
30°	2735.3	3183.5	3631.7	4079.9	4778.3	5476.6	6174.9	6873.3	7349.5	7810.7	8060.8
32.5°	2722.3	3297.6	3871.8	4447.1	5260.5	6072.9	6886.3	7698.6	8014.8	8424.0	8761.1
35°	2758.3	3390.6	4021.9	4653.2	5585.6	6518.1	7449.5	8382.0	8831.2	9236.4	9531.5
37.5°	2868.4	3573.7	4278.0	4983.4	6106.9	7231.4	8355.0	9478.5	10231.8	10973.2	11105.3
40°	2930.4	3678.7	4426.1	5173.4	6480.1	7786.7	9093.3	10399.9	11266.3	12079.7	12134.7
42.5°	3003.4	3814.8	4625.2	5436.6	6885.3	8334.9	9783.6	11232.3	12304.8	13179.2	13205.2
45°	3087.5	3921.9	4757.3	5591.6	7104.4	8616.1	10128.8	11640.5	12937.1	13999.6	13740.5
47.5°	3120.5	4017.9	4914.3	5810.7	7423.5	9035.3	10648.0	12259.8	13423.4	14389.8	14141.7
50°	3133.5	4111.9	5089.4	6066.9	7737.7	9409.5	11080.2	12751.0	13934.6	14877.0	14496.9
52.5°	3214.5	4285.0	5355.5	6426.0	8166.9	9907.7	11648.5	13389.3	14553.9	15459.3	14987.1
55°	3323.6	4541.1	5757.7	6975.3	8777.2	10578.0	12379.9	14180.7	15349.3	16191.7	15606.4
57.5°	3424.6	4736.2	6046.9	7357.5	9224.4	11092.2	12959.1	14826.0	16009.6	16843.0	16275.7
60°	3375.6	4744.2	6112.9	7481.5	9316.4	11150.3	12985.1	14819.0	16162.6	17162.1	16872.0
62.5°	3227.5	4558.2	5887.8	7218.4	8960.2	10701.1	12442.9	14183.7	15756.5	17038.1	17025.1
65°	2942.4	4167.0	5390.6	6615.1	8226.9	9839.7	11451.4	13063.2	14917.1	16473.8	16574.8
67.5°	2595.2	3611.7	4628.2	5644.7	7162.4	8680.1	10197.8	11715.5	13697.5	15415.3	15502.3
70°	2259.1	3004.4	3748.8	4493.1	5825.8	7158.4	8490.0	9822.6	11824.6	13562.4	13642.5
72.5°	1864.9	2352.1	2838.3	3325.6	4405.1	5484.6	6563.1	7642.6	9400.4	10737.1	11188.3
75°	1428.7	1717.8	2006.9	2296.1	3169.5	4042.9	4915.3	5788.7	6957.3	7943.8	8452.0
77.5°	1021.5	1171.6	1321.6	1471.7	2214.0	2956.4	3697.7	4440.1	5054.4	5613.7	5956.8
80°	670.3	740.4	811.4	881.4	1498.7	2116.0	2732.3	3349.6	3723.8	4023.9	4197.0
82.5°	406.2	441.2	475.2	510.2	1010.5	1510.7	2010.0	2510.2	2724.3	2867.4	3021.4
85°	219.1	238.1	257.1	276.1	597.3	917.4	1238.6	1558.7	1579.7	1596.8	1825.9
87.5°	64.0	70.0	75.0	80.0	132.1	185.1	237.1	289.1	180.1	112.1	230.1
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: P368504
 CATALOG NUMBER: MSA-SA4C-740-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: P368504

CATALOG NUMBER: MSA-SA4C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0
2.5°	2649.3	2636.2	2623.2	2609.2	2596.2	2541.2	2487.2	2432.2	2377.1	2430.1	2482.2
5°	3299.6	3339.6	3378.6	3418.6	3458.6	3461.6	3463.6	3466.6	3468.6	3478.6	3488.7
7.5°	3767.8	3838.8	3908.8	3979.9	4050.9	4105.9	4161.0	4217.0	4272.0	4222.0	4172.0
10°	3807.8	3957.9	4107.9	4258.0	4408.1	4435.1	4461.1	4488.1	4515.1	4551.2	4586.2
12.5°	3847.8	4030.9	4213.0	4396.1	4579.2	4659.2	4738.2	4818.3	4897.3	4936.3	4974.4
15°	4271.0	4379.1	4486.1	4594.2	4701.2	4756.3	4810.3	4865.3	4920.3	4953.3	4985.4
17.5°	4815.3	4855.3	4894.3	4934.3	4974.4	5011.4	5048.4	5085.4	5122.4	5128.4	5134.4
20°	5311.5	5319.5	5326.5	5334.5	5341.5	5263.5	5186.5	5108.4	5030.4	5044.4	5057.4
22.5°	6055.9	6011.8	5968.8	5924.8	5881.8	5734.7	5588.6	5441.6	5295.5	5232.5	5170.4
25°	7176.4	7064.3	6952.3	6840.2	6728.2	6494.1	6261.0	6026.9	5793.7	5656.7	5520.6
27.5°	7537.6	7293.5	7050.3	6806.2	6562.1	6385.0	6208.9	6031.9	5855.8	5638.7	5421.6
30°	8267.9	7882.7	7498.5	7113.4	6728.2	6557.1	6386.0	6213.9	6042.9	5820.8	5599.6
32.5°	8915.2	8515.0	8114.8	7713.6	7313.5	6989.3	6665.2	6341.0	6016.8	5866.8	5716.7
35°	9664.6	9161.3	8658.1	8154.9	7651.6	7373.5	7096.4	6818.2	6541.1	6314.0	6087.9
37.5°	10756.1	10220.8	9685.6	9149.3	8614.1	8237.9	7862.7	7486.5	7111.4	6986.3	6862.2
40°	11796.6	11164.3	10533.0	9900.7	9269.4	8981.2	8693.1	8404.0	8115.8	7904.7	7693.6
42.5°	12668.0	12042.7	11418.4	10793.1	10168.8	9958.7	9749.6	9539.5	9330.4	9156.3	8982.3
45°	12967.1	12456.9	11947.7	11437.4	10927.2	10853.1	10780.1	10706.1	10633.0	10504.0	10374.9
47.5°	13448.4	12928.1	12408.9	11888.6	11368.4	11395.4	11422.4	11450.4	11477.4	11484.4	11490.4
50°	13731.5	13237.3	12744.0	12249.8	11756.6	11887.6	12017.7	12148.7	12279.8	12577.0	12873.1
52.5°	14144.7	13659.5	13175.2	12690.0	12204.8	12426.9	12648.0	12870.1	13091.2	13507.4	13923.6
55°	14662.9	14198.7	13735.5	13271.3	12808.1	13024.2	13239.3	13455.4	13670.5	14133.7	14596.9
57.5°	15350.3	14853.0	14356.8	13859.6	13363.3	13562.4	13760.5	13959.6	14157.7	14597.9	15038.1
60°	16132.6	15592.4	15052.1	14510.9	13970.6	14025.6	14079.7	14134.7	14188.7	14665.9	15142.2
62.5°	16516.8	16016.6	15517.3	15017.1	14516.9	14363.8	14210.7	14056.7	13903.6	14330.8	14757.0
65°	16183.7	15839.5	15496.3	15152.2	14808.0	14537.9	14268.8	13998.6	13728.5	13995.6	14261.7
67.5°	15123.2	14928.1	14734.0	14538.9	14343.8	13890.6	13437.4	12983.1	12529.9	12547.9	12564.9
70°	13404.3	13352.3	13301.3	13249.3	13197.2	12515.9	11835.6	11154.3	10473.0	10368.9	10264.9
72.5°	11226.3	11260.3	11293.3	11327.4	11361.4	10629.0	9896.7	9164.3	8432.0	8258.9	8085.8
75°	8695.1	8883.2	9071.3	9260.4	9448.5	8748.1	8047.8	7346.5	6646.1	6433.0	6219.9
77.5°	6143.9	6495.1	6845.2	7196.4	7547.6	6914.3	6282.0	5648.7	5015.4	4877.3	4739.2
80°	4284.0	4456.1	4628.2	4800.3	4972.4	4654.2	4336.1	4017.9	3699.8	3737.8	3774.8
82.5°	3120.5	3160.5	3199.5	3239.5	3279.6	3149.5	3019.4	2888.4	2758.3	2857.4	2956.4
85°	1998.9	2142.0	2284.1	2427.1	2569.2	2425.1	2281.1	2136.0	1991.9	2058.0	2124.0
87.5°	447.2	707.3	967.5	1228.6	1488.7	1348.6	1209.6	1069.5	929.4	866.4	804.4
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: P368504
 CATALOG NUMBER: MSA-SA4C-740-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: P368504

CATALOG NUMBER: MSA-SA4C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0
2.5°	2535.2	2588.2	2572.2	2557.2	2541.2	2525.2	2554.2	2583.2	2613.2	2642.3	2632.2
5°	3499.7	3509.7	3414.6	3320.6	3225.5	3130.5	3189.5	3248.5	3307.6	3366.6	3345.6
7.5°	4122.0	4071.9	4016.9	3961.9	3905.8	3850.8	3838.8	3826.8	3813.8	3801.8	3785.8
10°	4622.2	4657.2	4621.2	4586.2	4550.2	4514.1	4430.1	4346.1	4261.0	4177.0	4142.0
12.5°	5013.4	5052.4	5061.4	5069.4	5078.4	5087.4	4993.4	4900.3	4806.3	4712.2	4627.2
15°	5018.4	5051.4	5080.4	5108.4	5137.4	5165.4	5107.4	5050.4	4992.4	4934.3	4907.3
17.5°	5141.4	5147.4	5123.4	5100.4	5076.4	5053.4	5030.4	5008.4	4985.4	4963.3	4920.3
20°	5071.4	5085.4	5082.4	5079.4	5075.4	5072.4	5074.4	5075.4	5077.4	5078.4	5054.4
22.5°	5107.4	5044.4	5057.4	5069.4	5082.4	5094.4	5130.4	5166.4	5203.5	5239.5	5335.5
25°	5383.5	5246.5	5225.5	5205.5	5184.5	5164.4	5258.5	5351.5	5445.6	5539.6	5695.7
27.5°	5203.5	4986.4	4938.3	4890.3	4842.3	4794.3	4937.3	5079.4	5222.5	5365.5	5524.6
30°	5377.5	5156.4	5050.4	4944.3	4837.3	4731.2	4868.3	5004.4	5141.4	5277.5	5453.6
32.5°	5566.6	5416.6	5345.5	5275.5	5204.5	5134.4	5145.4	5156.4	5167.4	5178.5	5426.6
35°	5860.8	5633.7	5563.6	5493.6	5423.6	5353.5	5470.6	5586.6	5703.7	5819.8	6029.9
37.5°	6737.2	6612.1	6486.1	6360.0	6232.9	6106.9	6175.9	6245.0	6314.0	6383.0	6581.1
40°	7482.5	7271.4	7250.4	7230.4	7209.4	7188.4	7194.4	7199.4	7205.4	7211.4	7380.5
42.5°	8807.2	8633.1	8526.0	8419.0	8311.9	8204.9	8197.9	8190.9	8182.9	8175.9	8302.9
45°	10244.8	10115.8	10035.7	9955.7	9874.7	9794.6	9667.6	9540.5	9412.5	9285.4	9396.4
47.5°	11497.4	11504.4	11649.5	11793.6	11938.6	12083.7	11866.6	11649.5	11432.4	11215.3	11072.2
50°	13170.2	13466.4	13501.4	13535.4	13570.4	13605.4	13237.3	12870.1	12501.9	12133.7	11983.7
52.5°	14340.8	14757.0	14703.0	14649.9	14595.9	14541.9	14328.8	14116.7	13903.6	13690.5	13363.3
55°	15061.1	15524.3	15483.3	15443.3	15402.3	15361.3	15206.2	15051.1	14896.0	14741.0	14381.8
57.5°	15478.3	15918.5	15930.5	15942.5	15954.5	15966.6	15925.5	15884.5	15843.5	15802.5	15335.3
60°	15619.4	16096.6	16101.6	16105.6	16110.6	16114.6	16049.6	15984.6	15918.5	15853.5	15548.4
62.5°	15184.2	15610.4	15629.4	15647.4	15666.4	15685.4	15640.4	15595.4	15550.4	15505.3	15279.2
65°	14528.9	14796.0	14801.0	14805.0	14810.0	14815.0	14701.0	14587.9	14473.8	14359.8	14305.8
67.5°	12583.0	12601.0	12707.0	12813.1	12919.1	13025.2	13034.2	13043.2	13053.2	13062.2	12984.1
70°	10160.8	10056.8	10171.8	10286.9	10401.9	10517.0	10566.0	10615.0	10665.0	10714.1	10750.1
72.5°	7911.7	7738.7	7823.7	7908.7	7994.8	8079.8	8006.8	7933.8	7860.7	7787.7	8018.8
75°	6006.8	5793.7	5782.7	5772.7	5761.7	5751.7	5714.7	5677.7	5639.7	5602.7	5818.8
77.5°	4600.2	4462.1	4469.1	4475.1	4482.1	4488.1	4450.1	4413.1	4375.1	4337.1	4420.1
80°	3812.8	3849.8	3850.8	3851.8	3852.8	3853.8	3817.8	3782.8	3746.8	3710.8	3650.7
82.5°	3056.4	3155.5	3154.5	3154.5	3153.5	3152.5	3150.5	3148.5	3145.5	3143.5	3045.4
85°	2190.0	2256.1	2188.0	2120.0	2052.0	1983.9	2034.0	2084.0	2135.0	2185.0	2144.0
87.5°	741.4	679.3	598.3	518.2	437.2	356.2	443.2	530.3	618.3	705.3	755.4
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: P368504
 CATALOG NUMBER: MSA-SA4C-740-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: P368504

CATALOG NUMBER: MSA-SA4C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0	2174.0
2.5°	2623.2	2613.2	2604.2	2541.2	2477.2	2414.1	2350.1	2466.2	2583.2	2699.3	2815.3
5°	3325.6	3304.6	3284.6	3279.6	3274.5	3268.5	3263.5	3322.6	3381.6	3439.6	3498.7
7.5°	3769.8	3753.8	3737.8	3695.7	3654.7	3612.7	3570.7	3606.7	3641.7	3677.7	3712.8
10°	4107.9	4072.9	4037.9	3946.9	3856.8	3765.8	3674.7	3647.7	3620.7	3593.7	3566.7
12.5°	4542.1	4456.1	4371.1	4268.0	4164.0	4060.9	3956.9	3942.9	3928.9	3915.9	3901.8
15°	4881.3	4854.3	4827.3	4745.2	4663.2	4581.2	4499.1	4389.1	4278.0	4168.0	4057.9
17.5°	4878.3	4835.3	4793.3	4903.3	5012.4	5122.4	5231.5	5114.4	4996.4	4879.3	4762.3
20°	5030.4	5005.4	4981.4	5184.5	5386.5	5589.6	5791.7	5727.7	5662.7	5598.6	5533.6
22.5°	5430.6	5526.6	5621.7	5795.7	5968.8	6142.9	6316.0	6389.0	6462.1	6535.1	6608.1
25°	5850.8	6006.8	6162.9	6422.0	6680.2	6939.3	7198.4	7250.4	7302.5	7354.5	7406.5
27.5°	5682.7	5841.8	6000.8	6196.9	6392.0	6588.1	6783.2	7011.3	7240.4	7468.5	7696.6
30°	5628.7	5804.7	5979.8	6249.0	6517.1	6786.2	7055.3	7369.5	7683.6	7996.8	8310.9
32.5°	5673.7	5921.8	6169.9	6534.1	6897.3	7261.4	7625.6	7955.8	8286.9	8617.1	8947.2
35°	6239.0	6449.1	6658.2	7065.3	7472.5	7879.7	8286.9	8674.1	9061.3	9447.5	9834.7
37.5°	6778.2	6976.3	7174.4	7590.6	8005.8	8422.0	8838.2	9449.5	10061.8	10673.1	11284.3
40°	7548.6	7717.7	7885.7	8241.9	8598.1	8954.2	9310.4	10047.8	10785.1	11522.5	12259.8
42.5°	8429.0	8556.0	8682.1	9051.3	9420.5	9789.6	10158.8	10961.2	11764.6	12566.9	13369.3
45°	9506.5	9617.6	9728.6	9982.7	10236.8	10492.0	10746.1	11573.5	12400.9	13228.3	14055.7
47.5°	10929.2	10786.1	10643.0	10768.1	10893.2	11018.2	11143.3	11961.7	12780.0	13597.4	14415.8
50°	11833.6	11683.5	11533.5	11544.5	11554.5	11565.5	11576.5	12339.8	13103.2	13865.6	14628.9
52.5°	13036.2	12708.0	12380.9	12377.9	12374.9	12370.9	12367.9	13033.2	13699.5	14364.8	15030.1
55°	14022.6	13663.5	13304.3	13234.3	13164.2	13093.2	13023.2	13681.5	14338.8	14997.1	15654.4
57.5°	14868.0	14399.8	13932.6	13822.5	13712.5	13602.4	13492.4	14201.7	14912.1	15621.4	16330.7
60°	15244.2	14939.1	14634.9	14499.9	14364.8	14229.7	14094.7	14699.0	15303.2	15906.5	16510.8
62.5°	15054.1	14828.0	14602.9	14633.9	14664.9	14696.0	14727.0	15072.1	15418.3	15763.5	16108.6
65°	14252.7	14198.7	14145.7	14395.8	14645.9	14896.0	15146.2	15151.2	15156.2	15161.2	15166.2
67.5°	12906.1	12828.1	12750.0	13270.3	13789.5	14309.8	14830.0	14582.9	14335.8	14089.7	13842.6
70°	10785.1	10821.1	10856.1	11564.5	12271.8	12980.1	13688.5	13330.3	12971.1	12613.0	12253.8
72.5°	8249.9	8482.0	8713.1	9447.5	10181.8	10916.2	11650.5	11241.3	10831.1	10421.9	10011.7
75°	6034.9	6251.0	6467.1	7192.4	7917.7	8644.1	9369.4	8883.2	8397.0	7911.7	7425.5
77.5°	4503.1	4587.2	4670.2	5273.5	5875.8	6479.1	7081.4	6593.1	6104.9	5617.7	5129.4
80°	3591.7	3531.7	3472.6	3806.8	4141.0	4475.1	4809.3	4463.1	4115.9	3769.8	3423.6
82.5°	2948.4	2850.3	2753.3	2877.4	3001.4	3126.5	3250.5	2973.4	2696.3	2419.1	2142.0
85°	2103.0	2062.0	2021.0	2057.0	2092.0	2128.0	2164.0	1893.9	1623.8	1354.6	1084.5
87.5°	804.4	854.4	904.4	961.5	1017.5	1074.5	1130.5	885.4	640.3	396.2	151.1
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: P368504
 CATALOG NUMBER: MSA-SA4C-740-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: P368504
 CATALOG NUMBER: MSA-SA4C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	2174.0	2174.0
2.5°	2863.4	2911.4
5°	3497.7	3496.7
7.5°	3696.7	3679.7
10°	3522.7	3478.6
12.5°	3771.8	3640.7
15°	3927.9	3796.8
17.5°	4565.2	4367.1
20°	5298.5	5062.4
22.5°	6249.0	5889.8
25°	6977.3	6547.1
27.5°	7441.5	7185.4
30°	8017.8	7724.7
32.5°	8731.1	8514.0
35°	9636.6	9437.5
37.5°	11222.3	11159.3
40°	12184.8	12108.7
42.5°	13372.3	13374.3
45°	14100.7	14145.7
47.5°	14529.9	14642.9
50°	14872.0	15114.2
52.5°	15361.3	15692.4
55°	16094.6	16533.8
57.5°	16704.9	17079.1
60°	16704.9	16898.0
62.5°	16103.6	16097.6
65°	15073.1	14979.1
67.5°	13724.5	13606.4
70°	12069.7	11884.6
72.5°	9782.6	9552.5
75°	7110.4	6794.2
77.5°	4979.4	4828.3
80°	3496.7	3569.7
82.5°	2246.1	2350.1
85°	1068.5	1052.5
87.5°	126.1	101.0
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: P368504
CATALOG NUMBER: MSA-SA4C-740-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)