

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: P368503

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

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P368503
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)
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-HSS
Description: MESA POST TOP DECORATIVE LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17552 lumens
Efficiency: N/A
Efficacy: 78.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

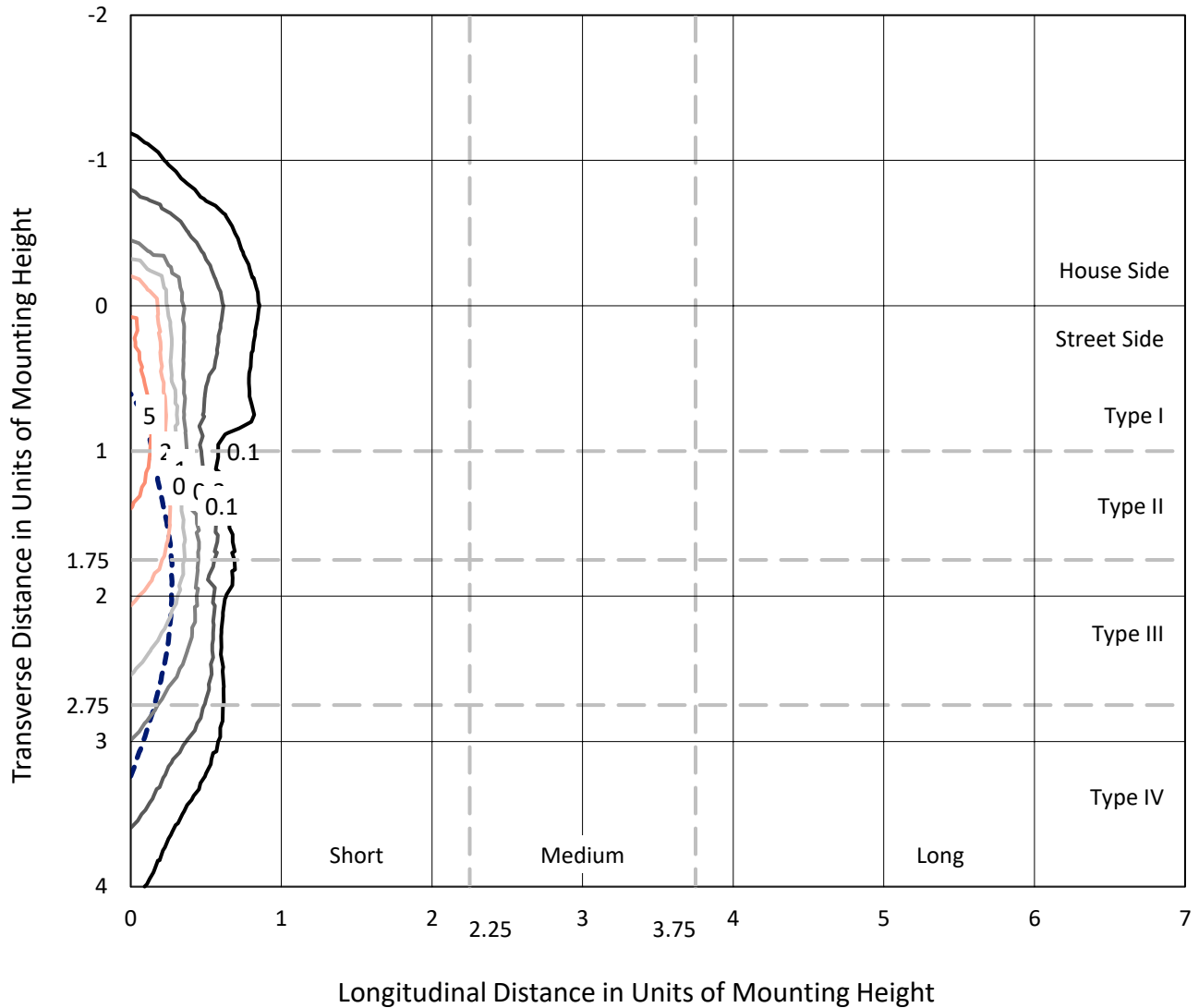
Input Watts (W): 225
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

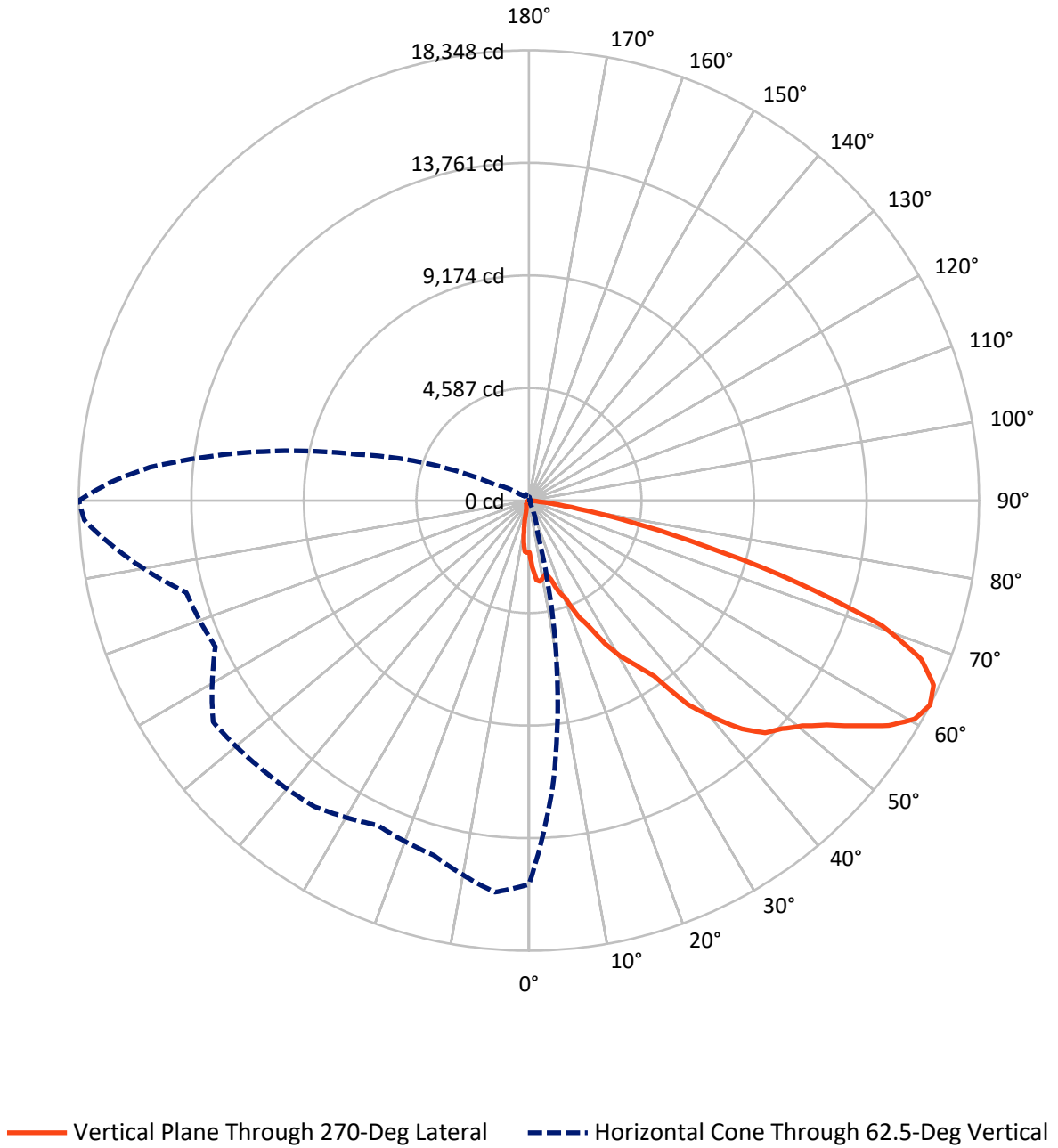
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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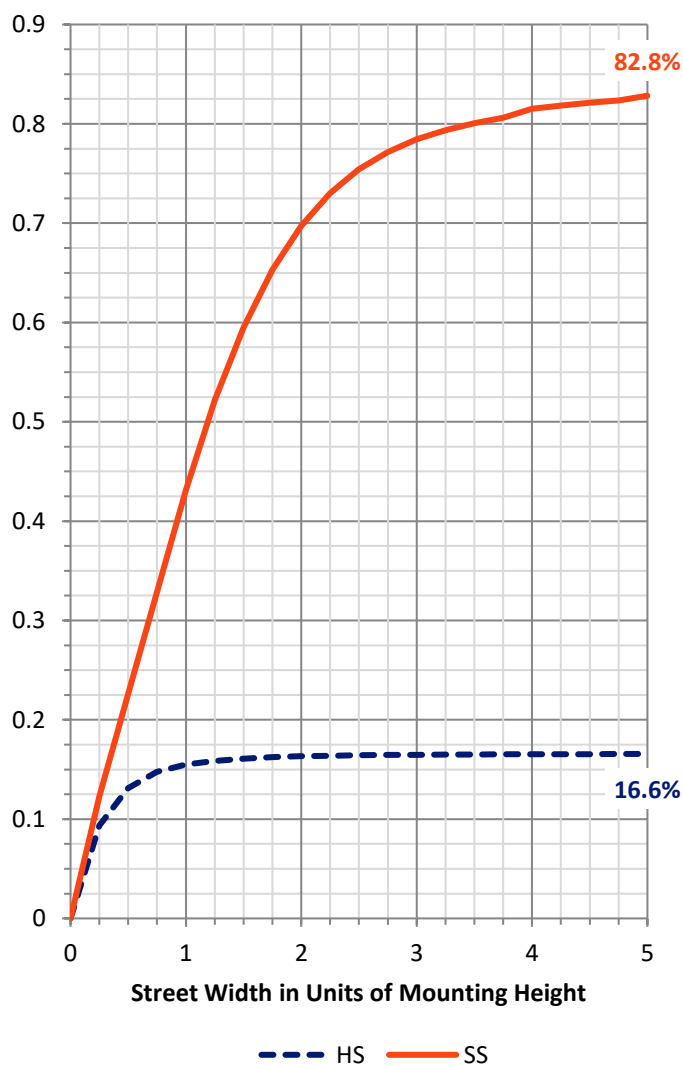
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2930.9	0.0	2930.9
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	14621.0	0.0	14621.0
	% Fixture	83.3	0.0	83.3
Total	Lumens	17552.0	0.0	17552.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	236.3	1.3
10°-20°	617.3	3.5
20°-30°	997.8	5.7
30°-40°	1671.1	9.5
40°-50°	2731.9	15.6
50°-60°	4044.1	23.0
60°-70°	4642.7	26.5
70°-80°	2295.5	13.1
80°-90°	315.3	1.8
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°	17552.0	100.0
0°-180°	17552.0	100.0

Coefficient of Utilization

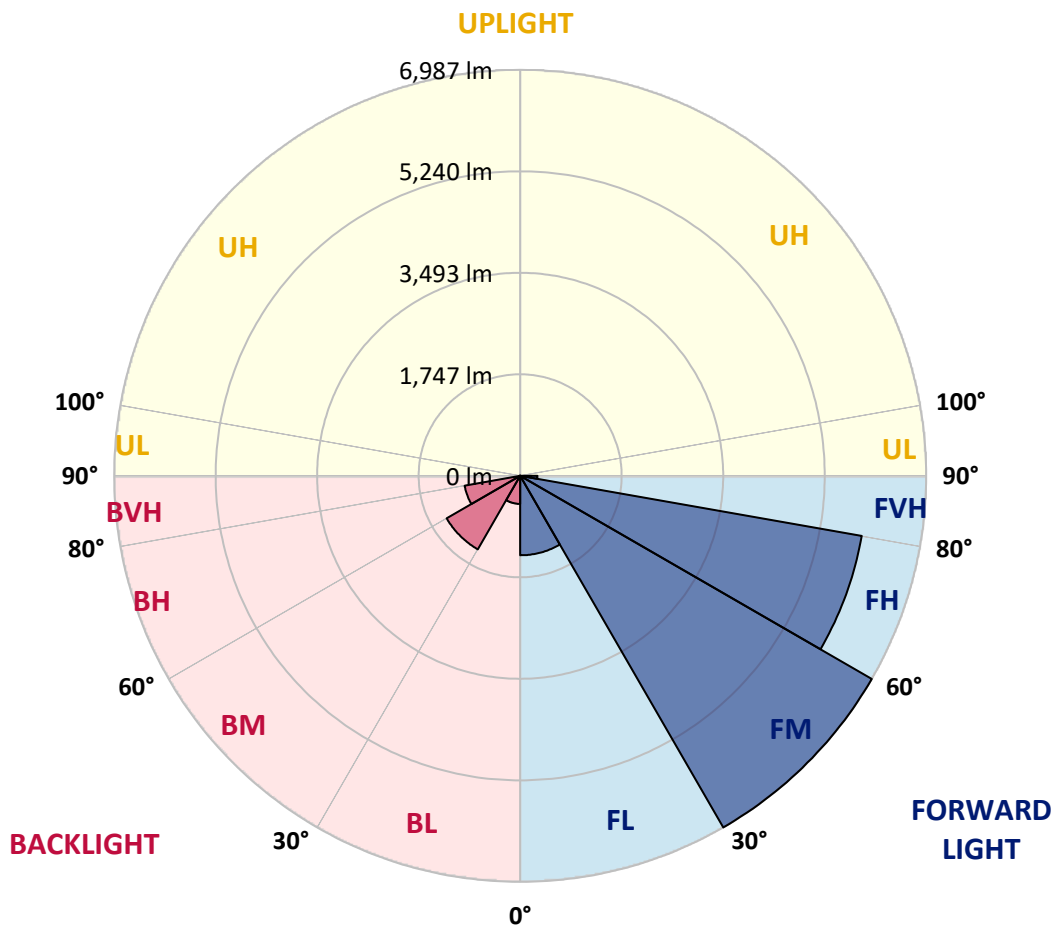


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1367.4	7.8			
FM (30°-60°)	6986.6	39.8			
FH (60°-80°)	5968.5	34.0			G3/7500
FVH (80°-90°)	298.5	1.7			G3/500
BL (0°-30°)	484.0	2.8	B1/500		
BM (30°-60°)	1460.5	8.3	B2/2500		
BH (60°-80°)	969.7	5.5	B2/1000		G2/1000
BVH (80°-90°)	16.8	0.1			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
 Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1
2.5°	2804.5	2839.5	2873.5	2808.5	2743.4	2678.4	2613.4	2555.3	2497.3	2438.3	2380.2
5°	3608.9	3544.8	3480.8	3392.8	3304.7	3216.7	3128.6	3087.6	3046.6	3005.6	2964.5
7.5°	3889.0	3775.0	3659.9	3581.9	3504.8	3426.8	3348.7	3225.7	3101.6	2978.5	2854.5
10°	3668.9	3547.8	3425.8	3357.7	3289.7	3221.7	3153.6	3000.6	2846.5	2693.4	2539.3
12.5°	3770.0	3638.9	3507.8	3367.7	3227.7	3087.6	2947.5	2830.5	2712.4	2595.3	2477.3
15°	3840.0	3689.9	3538.8	3378.8	3218.7	3058.6	2898.5	2760.4	2623.4	2485.3	2347.2
17.5°	4251.2	4036.1	3821.0	3574.9	3328.7	3082.6	2836.5	2676.4	2517.3	2357.2	2197.1
20°	4779.5	4474.3	4168.2	3835.0	3501.8	3168.6	2835.5	2636.4	2437.3	2238.2	2039.1
22.5°	5393.8	5012.6	4630.4	4219.2	3809.0	3397.8	2986.6	2700.4	2414.3	2128.1	1842.0
25°	6012.1	5667.9	5323.8	4770.5	4217.2	3662.9	3109.6	2746.4	2382.2	2019.0	1654.9
27.5°	7128.7	6513.4	5898.1	5193.7	4490.3	3786.0	3081.6	2665.4	2249.2	1832.0	1415.7
30°	7859.1	7385.8	6911.6	5981.1	5051.6	4121.1	3190.7	2663.4	2136.1	1607.8	1080.6
32.5°	8732.5	8040.2	7346.8	6337.3	5327.8	4318.2	3308.7	2689.4	2069.1	1449.8	829.4
35°	9714.0	8960.7	8207.3	6928.6	5649.9	4370.3	3091.6	2491.3	1891.0	1290.7	690.4
37.5°	11447.9	10187.3	8926.6	7435.9	5944.1	4453.3	2961.5	2362.2	1761.9	1162.6	562.3
40°	12432.5	11228.8	10025.2	8162.2	6299.3	4436.3	2573.3	2041.1	1509.8	977.5	445.2
42.5°	13713.1	12186.3	10658.5	8576.5	6494.4	4412.3	2330.2	1838.0	1345.7	852.4	360.2
45°	14472.5	12742.6	11012.7	8756.5	6500.4	4244.2	1988.0	1561.8	1135.6	709.4	283.1
47.5°	14951.8	13216.9	11482.0	9059.7	6638.4	4216.2	1793.9	1401.7	1009.5	617.3	225.1
50°	15194.9	13455.0	11714.1	9224.8	6735.5	4245.2	1755.9	1365.7	974.5	584.3	193.1
52.5°	15448.0	13770.2	12091.3	9510.9	6930.6	4350.3	1769.9	1371.7	974.5	576.3	178.1
55°	15959.3	14304.4	12648.6	9921.2	7193.7	4466.3	1738.9	1346.7	954.5	561.3	169.1
57.5°	16587.6	14818.7	13048.8	10221.3	7393.8	4566.4	1738.9	1344.7	950.5	555.3	161.1
60°	16468.6	14548.6	12627.6	9884.1	7140.7	4396.3	1652.9	1277.7	903.5	528.3	153.1
62.5°	15651.1	13567.0	11482.0	8946.6	6410.3	3875.0	1338.7	1039.5	740.4	440.2	141.1
65°	14690.6	12478.5	10265.3	7932.1	5597.9	3264.7	930.5	730.4	529.3	329.2	128.1
67.5°	13534.0	11174.8	8815.6	6740.5	4666.4	2591.3	516.3	416.2	316.2	215.1	115.1
70°	11527.0	9091.7	6655.5	5060.6	3466.8	1872.0	277.1	234.1	191.1	148.1	105.1
72.5°	8653.5	6422.3	4191.2	3183.7	2177.1	1169.6	162.1	146.1	129.1	113.1	96.0
75°	5888.1	4216.2	2544.3	1937.0	1330.7	723.4	116.1	108.1	99.1	91.0	82.0
77.5°	4003.1	2895.5	1787.9	1364.7	941.5	518.3	95.0	90.0	85.0	79.0	74.0
80°	2499.3	1710.9	922.5	710.4	497.3	285.1	72.0	69.0	66.0	62.0	59.0
82.5°	1747.9	1045.5	343.2	268.1	193.1	117.1	42.0	43.0	44.0	44.0	45.0
85°	733.4	396.2	59.0	50.0	41.0	32.0	23.0	25.0	28.0	30.0	32.0
87.5°	13.0	7.0	0.0	2.0	5.0	7.0	9.0	12.0	14.0	17.0	19.0
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°	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1
2.5°	2395.2	2410.3	2424.3	2439.3	2427.3	2416.3	2404.2	2392.2	2374.2	2357.2	2339.2
5°	2914.5	2864.5	2814.5	2764.4	2688.4	2612.4	2535.3	2459.3	2450.3	2441.3	2431.3
7.5°	2737.4	2620.4	2502.3	2385.2	2275.2	2165.1	2055.1	1945.0	1911.0	1878.0	1844.0
10°	2449.3	2359.2	2268.2	2178.1	2099.1	2019.0	1940.0	1860.0	1776.9	1693.9	1609.8
12.5°	2383.2	2289.2	2194.1	2100.1	2028.1	1956.0	1884.0	1811.9	1718.9	1625.8	1532.8
15°	2245.2	2143.1	2041.1	1939.0	1843.0	1746.9	1649.9	1553.8	1441.7	1329.7	1217.6
17.5°	2076.1	1956.0	1835.0	1713.9	1587.8	1461.8	1335.7	1209.6	1080.6	952.5	823.4
20°	1875.0	1710.9	1545.8	1381.7	1225.6	1069.6	912.5	756.4	675.4	595.3	514.3
22.5°	1629.8	1416.7	1204.6	991.5	863.4	734.4	606.3	477.2	442.2	407.2	372.2
25°	1413.7	1172.6	931.5	690.4	609.3	528.3	447.2	366.2	350.2	333.2	317.2
27.5°	1188.6	962.5	735.4	508.3	462.2	415.2	369.2	322.2	311.2	301.2	290.2
30°	911.5	742.4	572.3	403.2	373.2	343.2	312.2	282.1	277.1	271.1	266.1
32.5°	706.4	582.3	459.2	335.2	318.2	301.2	284.1	267.1	259.1	251.1	242.1
35°	590.3	491.3	391.2	291.2	279.1	266.1	254.1	241.1	233.1	224.1	216.1
37.5°	489.3	417.2	344.2	271.1	258.1	245.1	231.1	218.1	212.1	206.1	200.1
40°	403.2	361.2	319.2	277.1	258.1	239.1	220.1	201.1	196.1	191.1	186.1
42.5°	333.2	306.2	278.1	251.1	237.1	224.1	210.1	196.1	189.1	181.1	174.1
45°	269.1	254.1	240.1	225.1	226.1	227.1	227.1	228.1	210.1	191.1	173.1
47.5°	218.1	211.1	203.1	196.1	204.1	212.1	219.1	227.1	208.1	189.1	169.1
50°	187.1	182.1	176.1	170.1	178.1	187.1	195.1	203.1	195.1	188.1	180.1
52.5°	171.1	164.1	157.1	150.1	153.1	157.1	160.1	163.1	163.1	163.1	163.1
55°	161.1	154.1	146.1	138.1	135.1	131.1	128.1	124.1	119.1	115.1	110.1
57.5°	153.1	145.1	136.1	128.1	123.1	117.1	112.1	106.1	101.1	95.0	90.0
60°	145.1	137.1	128.1	120.1	115.1	110.1	104.1	99.1	93.0	88.0	82.0
62.5°	134.1	127.1	120.1	113.1	108.1	104.1	99.1	94.0	88.0	82.0	75.0
65°	122.1	117.1	111.1	105.1	100.1	95.0	90.0	85.0	79.0	74.0	68.0
67.5°	111.1	106.1	102.1	97.1	91.0	86.0	80.0	74.0	70.0	66.0	61.0
70°	102.1	98.1	95.0	91.0	85.0	80.0	74.0	68.0	65.0	61.0	58.0
72.5°	93.0	90.0	86.0	83.0	78.0	73.0	68.0	63.0	60.0	57.0	54.0
75°	80.0	78.0	76.0	74.0	69.0	64.0	58.0	53.0	52.0	51.0	50.0
77.5°	72.0	71.0	69.0	67.0	62.0	57.0	52.0	47.0	48.0	49.0	49.0
80°	59.0	59.0	58.0	58.0	54.0	50.0	45.0	41.0	43.0	46.0	48.0
82.5°	45.0	45.0	45.0	45.0	41.0	37.0	33.0	29.0	32.0	34.0	37.0
85°	31.0	30.0	29.0	28.0	25.0	23.0	20.0	17.0	21.0	24.0	28.0
87.5°	19.0	20.0	20.0	20.0	18.0	15.0	13.0	10.0	12.0	13.0	15.0
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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1
2.5°	2321.2	2291.2	2261.2	2230.2	2200.1	2130.1	2060.1	1990.0	1920.0	1972.0	2023.1
5°	2422.3	2364.2	2305.2	2247.2	2188.1	2162.1	2137.1	2111.1	2085.1	2089.1	2094.1
7.5°	1809.9	1771.9	1733.9	1694.9	1656.9	1648.9	1641.9	1633.8	1625.8	1642.9	1658.9
10°	1526.8	1473.8	1419.7	1366.7	1312.7	1283.7	1254.7	1225.6	1196.6	1193.6	1189.6
12.5°	1439.7	1358.7	1278.7	1197.6	1116.6	1053.5	990.5	927.5	864.4	869.5	874.5
15°	1105.6	1024.5	944.5	863.4	782.4	731.4	679.4	628.3	576.3	561.3	546.3
17.5°	694.4	634.3	574.3	513.3	453.2	436.2	420.2	403.2	386.2	381.2	376.2
20°	433.2	407.2	381.2	354.2	328.2	324.2	320.2	316.2	312.2	315.2	318.2
22.5°	337.2	326.2	314.2	303.2	291.2	287.1	283.1	279.1	275.1	278.1	280.1
25°	300.2	292.2	284.1	276.1	268.1	264.1	259.1	255.1	250.1	252.1	255.1
27.5°	279.1	272.1	265.1	258.1	251.1	244.1	238.1	231.1	224.1	228.1	231.1
30°	260.1	252.1	245.1	237.1	229.1	222.1	215.1	207.1	200.1	204.1	208.1
32.5°	234.1	227.1	219.1	212.1	204.1	200.1	196.1	191.1	187.1	190.1	192.1
35°	207.1	201.1	196.1	190.1	184.1	180.1	177.1	173.1	169.1	170.1	172.1
37.5°	194.1	187.1	180.1	173.1	166.1	164.1	162.1	159.1	157.1	157.1	157.1
40°	181.1	174.1	167.1	159.1	152.1	149.1	146.1	143.1	140.1	140.1	140.1
42.5°	166.1	159.1	152.1	145.1	138.1	135.1	131.1	128.1	124.1	124.1	124.1
45°	154.1	147.1	141.1	134.1	127.1	122.1	117.1	111.1	106.1	105.1	104.1
47.5°	150.1	140.1	130.1	120.1	110.1	105.1	100.1	94.0	89.0	88.0	87.0
50°	172.1	152.1	132.1	112.1	92.0	88.0	84.0	80.0	76.0	74.0	73.0
52.5°	163.1	142.1	121.1	100.1	79.0	76.0	73.0	70.0	67.0	65.0	63.0
55°	105.1	96.0	88.0	79.0	70.0	68.0	66.0	63.0	61.0	59.0	57.0
57.5°	84.0	79.0	75.0	70.0	65.0	63.0	61.0	58.0	56.0	53.0	51.0
60°	76.0	72.0	68.0	64.0	60.0	58.0	56.0	54.0	52.0	49.0	47.0
62.5°	69.0	66.0	63.0	60.0	57.0	55.0	53.0	51.0	49.0	46.0	43.0
65°	62.0	60.0	58.0	56.0	54.0	52.0	50.0	47.0	45.0	42.0	39.0
67.5°	57.0	56.0	55.0	54.0	53.0	51.0	48.0	46.0	43.0	40.0	36.0
70°	54.0	54.0	54.0	53.0	53.0	51.0	48.0	46.0	43.0	39.0	36.0
72.5°	51.0	52.0	53.0	53.0	54.0	51.0	48.0	45.0	42.0	38.0	35.0
75°	49.0	50.0	51.0	51.0	52.0	50.0	48.0	45.0	43.0	39.0	35.0
77.5°	50.0	51.0	51.0	52.0	52.0	50.0	48.0	45.0	43.0	38.0	33.0
80°	50.0	49.0	48.0	46.0	45.0	41.0	37.0	32.0	28.0	22.0	17.0
82.5°	39.0	37.0	36.0	34.0	32.0	28.0	24.0	20.0	16.0	12.0	8.0
85°	31.0	29.0	28.0	26.0	24.0	21.0	17.0	14.0	10.0	8.0	5.0
87.5°	16.0	15.0	13.0	12.0	10.0	8.0	5.0	3.0	0.0	0.0	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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1
2.5°	2075.1	2126.1	2119.1	2112.1	2145.1	2178.1	2154.1	2131.1	2107.1	2083.1	2033.1
5°	2098.1	2102.1	2095.1	2087.1	2088.1	2089.1	2073.1	2057.1	2041.1	2025.1	2022.0
7.5°	1675.9	1691.9	1713.9	1734.9	1735.9	1735.9	1723.9	1711.9	1698.9	1686.9	1692.9
10°	1186.6	1182.6	1188.6	1194.6	1193.6	1191.6	1223.6	1255.7	1286.7	1318.7	1295.7
12.5°	878.5	883.5	858.4	833.4	842.4	850.4	855.4	860.4	865.4	870.5	884.5
15°	531.3	516.3	498.3	480.2	489.3	497.3	506.3	514.3	523.3	531.3	540.3
17.5°	370.2	365.2	357.2	348.2	349.2	350.2	351.2	352.2	352.2	353.2	355.2
20°	321.2	324.2	318.2	311.2	309.2	306.2	304.2	302.2	299.2	297.2	294.2
22.5°	283.1	285.1	286.1	286.1	282.1	277.1	273.1	270.1	266.1	262.1	260.1
25°	257.1	259.1	257.1	254.1	252.1	250.1	248.1	245.1	243.1	240.1	239.1
27.5°	235.1	238.1	238.1	237.1	235.1	232.1	227.1	223.1	218.1	213.1	214.1
30°	212.1	216.1	216.1	215.1	214.1	213.1	208.1	203.1	198.1	193.1	195.1
32.5°	195.1	197.1	196.1	195.1	195.1	194.1	190.1	187.1	183.1	179.1	179.1
35°	173.1	174.1	174.1	174.1	174.1	173.1	170.1	167.1	164.1	161.1	162.1
37.5°	157.1	157.1	160.1	162.1	160.1	158.1	156.1	153.1	151.1	148.1	148.1
40°	139.1	139.1	142.1	144.1	142.1	140.1	139.1	137.1	136.1	134.1	134.1
42.5°	123.1	123.1	126.1	128.1	128.1	127.1	125.1	123.1	121.1	119.1	120.1
45°	103.1	102.1	107.1	111.1	109.1	107.1	107.1	106.1	106.1	105.1	106.1
47.5°	85.0	84.0	88.0	92.0	91.0	89.0	89.0	89.0	89.0	89.0	90.0
50°	71.0	69.0	73.0	76.0	75.0	73.0	73.0	74.0	74.0	74.0	75.0
52.5°	61.0	59.0	62.0	64.0	63.0	62.0	62.0	63.0	63.0	63.0	64.0
55°	54.0	52.0	55.0	57.0	56.0	54.0	55.0	55.0	56.0	56.0	56.0
57.5°	48.0	45.0	47.0	49.0	49.0	48.0	49.0	49.0	50.0	50.0	50.0
60°	44.0	41.0	43.0	44.0	44.0	43.0	44.0	44.0	45.0	45.0	45.0
62.5°	39.0	36.0	38.0	39.0	39.0	38.0	39.0	39.0	40.0	40.0	40.0
65°	35.0	32.0	33.0	34.0	34.0	34.0	35.0	35.0	36.0	36.0	36.0
67.5°	33.0	29.0	30.0	31.0	31.0	31.0	32.0	32.0	33.0	33.0	34.0
70°	32.0	28.0	29.0	29.0	30.0	30.0	30.0	31.0	31.0	31.0	31.0
72.5°	31.0	27.0	27.0	27.0	28.0	28.0	28.0	29.0	29.0	29.0	29.0
75°	31.0	27.0	26.0	25.0	26.0	26.0	26.0	27.0	27.0	27.0	27.0
77.5°	27.0	22.0	20.0	17.0	20.0	22.0	23.0	23.0	24.0	24.0	24.0
80°	11.0	5.0	3.0	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0
82.5°	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1
2.5°	1983.0	1933.0	1883.0	1907.0	1931.0	1955.0	1979.0	1977.0	1974.0	1972.0	1969.0
5°	2020.0	2017.0	2014.0	2000.0	1987.0	1973.0	1959.0	1956.0	1952.0	1949.0	1945.0
7.5°	1698.9	1703.9	1709.9	1693.9	1677.9	1661.9	1645.9	1604.8	1563.8	1521.8	1480.8
10°	1272.7	1248.6	1225.6	1223.6	1221.6	1219.6	1217.6	1213.6	1209.6	1204.6	1200.6
12.5°	899.5	913.5	927.5	922.5	917.5	911.5	906.5	913.5	921.5	928.5	935.5
15°	548.3	557.3	565.3	583.3	601.3	619.3	637.3	644.3	652.3	659.3	666.3
17.5°	357.2	358.2	360.2	380.2	399.2	419.2	438.2	451.2	464.2	476.2	489.3
20°	291.2	288.1	285.1	296.2	307.2	318.2	329.2	341.2	353.2	365.2	377.2
22.5°	259.1	257.1	255.1	259.1	263.1	266.1	270.1	279.1	289.2	298.2	307.2
25°	238.1	236.1	235.1	237.1	239.1	241.1	243.1	248.1	253.1	258.1	263.1
27.5°	214.1	215.1	215.1	217.1	218.1	220.1	221.1	223.1	226.1	228.1	230.1
30°	196.1	198.1	199.1	201.1	202.1	204.1	205.1	204.1	203.1	202.1	201.1
32.5°	179.1	178.1	178.1	180.1	181.1	183.1	184.1	186.1	188.1	189.1	191.1
35°	162.1	163.1	163.1	163.1	164.1	164.1	164.1	166.1	169.1	171.1	173.1
37.5°	147.1	147.1	146.1	149.1	151.1	154.1	156.1	158.1	161.1	163.1	165.1
40°	134.1	134.1	134.1	136.1	138.1	139.1	141.1	146.1	151.1	156.1	161.1
42.5°	120.1	121.1	121.1	123.1	125.1	126.1	128.1	132.1	135.1	139.1	142.1
45°	107.1	108.1	109.1	111.1	112.1	114.1	115.1	117.1	118.1	120.1	121.1
47.5°	92.0	93.0	94.0	96.0	97.1	99.1	100.1	99.1	99.1	98.1	97.1
50°	77.0	78.0	79.0	82.0	84.0	87.0	89.0	87.0	85.0	82.0	80.0
52.5°	65.0	65.0	66.0	68.0	70.0	71.0	73.0	72.0	71.0	70.0	69.0
55°	56.0	56.0	56.0	57.0	58.0	59.0	60.0	61.0	61.0	62.0	62.0
57.5°	50.0	49.0	49.0	50.0	51.0	51.0	52.0	53.0	53.0	54.0	54.0
60°	45.0	44.0	44.0	45.0	46.0	47.0	48.0	48.0	48.0	47.0	47.0
62.5°	40.0	40.0	40.0	41.0	41.0	42.0	42.0	42.0	43.0	43.0	43.0
65°	37.0	37.0	37.0	37.0	37.0	36.0	36.0	37.0	37.0	38.0	38.0
67.5°	34.0	35.0	35.0	34.0	33.0	32.0	31.0	32.0	32.0	33.0	33.0
70°	31.0	31.0	31.0	30.0	29.0	28.0	27.0	27.0	27.0	26.0	26.0
72.5°	29.0	28.0	28.0	27.0	25.0	24.0	22.0	21.0	21.0	20.0	19.0
75°	27.0	26.0	26.0	24.0	22.0	20.0	18.0	17.0	15.0	14.0	12.0
77.5°	24.0	24.0	24.0	21.0	19.0	16.0	13.0	11.0	9.0	6.0	4.0
80°	8.0	9.0	10.0	9.0	9.0	8.0	7.0	5.0	4.0	2.0	0.0
82.5°	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1
2.5°	1980.0	1991.0	2002.0	2013.0	2014.0	2015.0	2016.0	2017.0	1992.0	1966.0	1941.0
5°	1965.0	1986.0	2006.0	2026.1	2015.0	2004.0	1993.0	1982.0	1981.0	1981.0	1980.0
7.5°	1483.8	1485.8	1488.8	1490.8	1494.8	1498.8	1501.8	1505.8	1521.8	1537.8	1552.8
10°	1187.6	1174.6	1160.6	1147.6	1137.6	1126.6	1116.6	1105.6	1113.6	1122.6	1130.6
12.5°	924.5	913.5	901.5	890.5	886.5	882.5	877.5	873.5	899.5	925.5	950.5
15°	664.3	662.3	659.3	657.3	670.3	683.4	696.4	709.4	731.4	752.4	774.4
17.5°	494.3	499.3	504.3	509.3	517.3	525.3	532.3	540.3	556.3	573.3	589.3
20°	383.2	390.2	396.2	402.2	400.2	398.2	395.2	393.2	406.2	419.2	431.2
22.5°	313.2	318.2	324.2	329.2	330.2	331.2	332.2	333.2	341.2	348.2	356.2
25°	268.1	274.1	279.1	284.1	285.1	286.1	287.1	288.1	298.2	308.2	317.2
27.5°	237.1	243.1	250.1	256.1	258.1	260.1	262.1	264.1	270.1	275.1	281.1
30°	209.1	217.1	225.1	233.1	236.1	239.1	242.1	245.1	251.1	258.1	264.1
32.5°	195.1	200.1	204.1	208.1	215.1	221.1	228.1	234.1	241.1	249.1	256.1
35°	179.1	184.1	190.1	195.1	200.1	205.1	209.1	214.1	218.1	222.1	225.1
37.5°	169.1	174.1	178.1	182.1	184.1	186.1	187.1	189.1	191.1	193.1	194.1
40°	161.1	160.1	160.1	159.1	161.1	164.1	166.1	168.1	174.1	179.1	185.1
42.5°	140.1	137.1	135.1	132.1	137.1	141.1	146.1	150.1	158.1	166.1	174.1
45°	119.1	117.1	114.1	112.1	119.1	126.1	133.1	140.1	149.1	157.1	166.1
47.5°	98.1	99.1	99.1	100.1	107.1	114.1	120.1	127.1	136.1	145.1	154.1
50°	82.0	84.0	86.0	88.0	95.0	101.1	108.1	114.1	124.1	133.1	143.1
52.5°	72.0	75.0	77.0	80.0	86.0	93.0	99.1	105.1	114.1	123.1	132.1
55°	65.0	69.0	72.0	75.0	80.0	85.0	90.0	95.0	104.1	113.1	121.1
57.5°	57.0	60.0	63.0	66.0	71.0	76.0	80.0	85.0	93.0	102.1	110.1
60°	50.0	52.0	55.0	57.0	61.0	66.0	70.0	74.0	82.0	90.0	97.1
62.5°	44.0	46.0	47.0	48.0	52.0	56.0	60.0	64.0	71.0	79.0	86.0
65°	39.0	40.0	40.0	41.0	44.0	48.0	51.0	54.0	62.0	69.0	77.0
67.5°	33.0	34.0	34.0	34.0	37.0	40.0	43.0	46.0	53.0	61.0	68.0
70°	26.0	27.0	27.0	27.0	30.0	34.0	37.0	40.0	46.0	52.0	58.0
72.5°	20.0	20.0	21.0	21.0	24.0	28.0	31.0	34.0	39.0	44.0	49.0
75°	13.0	14.0	14.0	15.0	18.0	22.0	25.0	28.0	33.0	38.0	42.0
77.5°	5.0	7.0	8.0	9.0	12.0	15.0	18.0	21.0	25.0	30.0	34.0
80°	0.0	1.0	1.0	1.0	3.0	4.0	6.0	7.0	10.0	14.0	17.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1
2.5°	1915.0	1970.0	2025.1	2080.1	2135.1	2203.1	2271.2	2281.2	2291.2	2279.2	2268.2
5°	1979.0	2006.0	2032.1	2059.1	2085.1	2163.1	2240.2	2241.2	2241.2	2242.2	2242.2
7.5°	1568.8	1591.8	1614.8	1636.8	1659.9	1710.9	1761.9	1780.9	1798.9	1794.9	1790.9
10°	1138.6	1168.6	1197.6	1227.6	1256.7	1303.7	1350.7	1368.7	1385.7	1440.7	1496.8
12.5°	976.5	1005.5	1034.5	1062.6	1091.6	1139.6	1187.6	1222.6	1256.7	1290.7	1324.7
15°	795.4	818.4	842.4	865.4	888.5	910.5	932.5	975.5	1017.5	1051.5	1085.6
17.5°	605.3	615.3	624.3	634.3	643.3	653.3	663.3	681.4	698.4	728.4	757.4
20°	444.2	452.2	460.2	467.2	475.2	485.3	495.3	508.3	520.3	527.3	533.3
22.5°	363.2	375.2	387.2	398.2	410.2	417.2	424.2	428.2	432.2	435.2	438.2
25°	327.2	338.2	348.2	359.2	369.2	372.2	375.2	383.2	391.2	391.2	391.2
27.5°	286.1	301.2	317.2	332.2	347.2	351.2	354.2	357.2	359.2	355.2	350.2
30°	270.1	285.1	300.2	314.2	329.2	335.2	340.2	343.2	346.2	341.2	336.2
32.5°	263.1	277.1	290.2	304.2	317.2	325.2	332.2	340.2	347.2	348.2	350.2
35°	229.1	238.1	248.1	257.1	266.1	270.1	274.1	277.1	279.1	279.1	279.1
37.5°	196.1	208.1	221.1	233.1	245.1	254.1	263.1	264.1	264.1	266.1	269.1
40°	190.1	202.1	214.1	225.1	237.1	247.1	256.1	257.1	258.1	260.1	262.1
42.5°	182.1	195.1	208.1	221.1	234.1	244.1	253.1	253.1	252.1	255.1	257.1
45°	174.1	187.1	199.1	212.1	224.1	237.1	249.1	246.1	242.1	247.1	251.1
47.5°	163.1	177.1	191.1	204.1	218.1	230.1	241.1	239.1	236.1	241.1	246.1
50°	152.1	166.1	180.1	194.1	208.1	221.1	233.1	231.1	229.1	235.1	240.1
52.5°	141.1	155.1	170.1	184.1	198.1	209.1	219.1	218.1	217.1	223.1	230.1
55°	130.1	143.1	157.1	170.1	183.1	195.1	206.1	204.1	202.1	207.1	212.1
57.5°	118.1	131.1	143.1	156.1	168.1	178.1	187.1	184.1	181.1	187.1	193.1
60°	105.1	117.1	129.1	140.1	152.1	160.1	167.1	165.1	162.1	168.1	174.1
62.5°	93.0	104.1	115.1	125.1	136.1	142.1	148.1	146.1	144.1	150.1	157.1
65°	84.0	93.0	101.1	110.1	118.1	124.1	130.1	127.1	124.1	131.1	137.1
67.5°	75.0	82.0	90.0	97.1	104.1	109.1	114.1	112.1	109.1	114.1	119.1
70°	64.0	71.0	78.0	84.0	91.0	96.0	101.1	98.1	94.0	99.1	104.1
72.5°	54.0	60.0	66.0	71.0	77.0	81.0	85.0	82.0	79.0	83.0	87.0
75°	47.0	52.0	57.0	61.0	66.0	68.0	70.0	69.0	67.0	71.0	74.0
77.5°	38.0	42.0	47.0	51.0	55.0	55.0	55.0	56.0	56.0	60.0	65.0
80°	20.0	24.0	28.0	31.0	35.0	35.0	34.0	36.0	37.0	42.0	47.0
82.5°	0.0	3.0	6.0	9.0	12.0	11.0	9.0	10.0	10.0	12.0	14.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1
2.5°	2256.2	2244.2	2236.2	2229.2	2221.2	2213.1	2223.2	2233.2	2242.2	2252.2	2282.2
5°	2243.2	2243.2	2236.2	2229.2	2222.2	2215.2	2230.2	2244.2	2259.2	2273.2	2272.2
7.5°	1785.9	1781.9	1823.9	1865.0	1907.0	1948.0	1959.0	1970.0	1980.0	1991.0	1988.0
10°	1551.8	1606.8	1624.8	1642.9	1660.9	1678.9	1700.9	1722.9	1744.9	1766.9	1774.9
12.5°	1358.7	1392.7	1450.8	1507.8	1565.8	1622.8	1651.9	1681.9	1710.9	1739.9	1796.9
15°	1119.6	1153.6	1203.6	1253.7	1303.7	1353.7	1399.7	1446.8	1492.8	1538.8	1607.8
17.5°	787.4	816.4	854.4	892.5	929.5	967.5	1038.5	1109.6	1180.6	1251.6	1324.7
20°	540.3	546.3	564.3	583.3	601.3	619.3	683.4	748.4	812.4	876.5	972.5
22.5°	440.2	443.2	452.2	461.2	469.2	478.2	511.3	545.3	578.3	611.3	689.4
25°	390.2	390.2	396.2	402.2	408.2	414.2	432.2	450.2	467.2	485.3	535.3
27.5°	346.2	341.2	350.2	359.2	368.2	377.2	390.2	404.2	417.2	430.2	464.2
30°	331.2	326.2	337.2	348.2	359.2	370.2	383.2	396.2	408.2	421.2	444.2
32.5°	351.2	352.2	356.2	360.2	363.2	367.2	373.2	380.2	386.2	392.2	412.2
35°	279.1	279.1	286.1	293.2	299.2	306.2	317.2	328.2	339.2	350.2	371.2
37.5°	271.1	273.1	279.1	286.1	292.2	298.2	312.2	327.2	341.2	355.2	372.2
40°	263.1	265.1	273.1	281.1	289.2	297.2	311.2	324.2	338.2	351.2	367.2
42.5°	260.1	262.1	272.1	283.1	293.2	303.2	315.2	327.2	338.2	350.2	372.2
45°	256.1	260.1	272.1	285.1	297.2	309.2	320.2	331.2	342.2	353.2	380.2
47.5°	250.1	255.1	269.1	282.1	296.2	309.2	330.2	352.2	373.2	394.2	407.2
50°	246.1	251.1	266.1	281.1	296.2	311.2	345.2	379.2	412.2	446.2	439.2
52.5°	236.1	242.1	261.1	280.1	299.2	318.2	348.2	378.2	408.2	438.2	424.2
55°	217.1	222.1	244.1	266.1	287.1	309.2	331.2	353.2	374.2	396.2	380.2
57.5°	198.1	204.1	225.1	246.1	266.1	287.1	298.2	309.2	320.2	331.2	325.2
60°	180.1	186.1	214.1	242.1	270.1	298.2	288.1	278.1	267.1	257.1	264.1
62.5°	163.1	169.1	196.1	222.1	249.1	275.1	261.1	247.1	233.1	219.1	230.1
65°	144.1	150.1	160.1	171.1	181.1	191.1	190.1	188.1	187.1	185.1	197.1
67.5°	124.1	129.1	134.1	140.1	145.1	150.1	153.1	157.1	160.1	163.1	173.1
70°	108.1	113.1	119.1	124.1	130.1	135.1	137.1	139.1	140.1	142.1	151.1
72.5°	90.0	94.0	102.1	110.1	117.1	125.1	126.1	126.1	127.1	127.1	134.1
75°	78.0	81.0	87.0	93.0	98.1	104.1	107.1	110.1	112.1	115.1	119.1
77.5°	69.0	73.0	75.0	76.0	78.0	79.0	81.0	83.0	85.0	87.0	88.0
80°	51.0	56.0	58.0	59.0	61.0	62.0	62.0	61.0	61.0	60.0	61.0
82.5°	16.0	18.0	21.0	24.0	27.0	30.0	31.0	32.0	32.0	33.0	32.0
85°	3.0	4.0	6.0	8.0	9.0	11.0	10.0	8.0	7.0	5.0	4.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

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: P368503

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1
2.5°	2312.2	2341.2	2371.2	2359.2	2347.2	2335.2	2323.2	2325.2	2328.2	2330.2	2332.2
5°	2271.2	2269.2	2268.2	2302.2	2337.2	2371.2	2405.2	2442.3	2480.3	2517.3	2554.3
7.5°	1985.0	1981.0	1978.0	2022.0	2066.1	2110.1	2154.1	2205.1	2257.2	2308.2	2359.2
10°	1782.9	1790.9	1798.9	1816.9	1836.0	1854.0	1872.0	1921.0	1970.0	2018.0	2067.1
12.5°	1854.0	1910.0	1967.0	1978.0	1988.0	1999.0	2009.0	2016.0	2023.1	2030.1	2037.1
15°	1677.9	1746.9	1815.9	1845.0	1873.0	1902.0	1930.0	2004.0	2077.1	2151.1	2224.2
17.5°	1397.7	1469.8	1542.8	1629.8	1716.9	1803.9	1891.0	1971.0	2051.1	2131.1	2211.1
20°	1069.6	1165.6	1261.7	1371.7	1482.8	1592.8	1702.9	1782.9	1862.0	1942.0	2021.0
22.5°	768.4	846.4	924.5	1057.5	1189.6	1322.7	1454.8	1593.8	1733.9	1873.0	2012.0
25°	585.3	634.3	684.4	815.4	946.5	1076.6	1207.6	1398.7	1589.8	1780.9	1972.0
27.5°	497.3	531.3	564.3	682.4	800.4	917.5	1035.5	1262.7	1489.8	1716.9	1944.0
30°	468.2	491.3	514.3	614.3	715.4	815.4	915.5	1145.6	1375.7	1605.8	1836.0
32.5°	432.2	451.2	471.2	559.3	647.3	734.4	822.4	1047.5	1272.7	1496.8	1721.9
35°	391.2	412.2	432.2	520.3	608.3	695.4	783.4	1016.5	1249.6	1482.8	1715.9
37.5°	388.2	405.2	421.2	523.3	626.3	728.4	830.4	1063.6	1296.7	1528.8	1761.9
40°	384.2	400.2	416.2	520.3	623.3	727.4	830.4	1074.6	1318.7	1562.8	1806.9
42.5°	394.2	415.2	437.2	529.3	621.3	712.4	804.4	1061.6	1318.7	1574.8	1832.0
45°	408.2	435.2	462.2	546.3	630.3	714.4	798.4	1077.6	1356.7	1634.8	1914.0
47.5°	421.2	434.2	447.2	527.3	606.3	686.4	765.4	1050.5	1335.7	1620.8	1906.0
50°	433.2	426.2	419.2	507.3	595.3	682.4	770.4	1042.5	1313.7	1585.8	1857.0
52.5°	409.2	395.2	380.2	474.2	568.3	661.3	755.4	1029.5	1303.7	1577.8	1852.0
55°	364.2	348.2	332.2	425.2	517.3	610.3	702.4	975.5	1248.6	1521.8	1794.9
57.5°	318.2	312.2	305.2	376.2	447.2	517.3	588.3	891.5	1195.6	1498.8	1801.9
60°	271.1	277.1	284.1	335.2	386.2	436.2	487.3	784.4	1080.6	1377.7	1673.9
62.5°	240.1	251.1	261.1	304.2	348.2	391.2	434.2	714.4	994.5	1274.7	1554.8
65°	210.1	222.1	234.1	285.1	337.2	388.2	439.2	676.4	913.5	1150.6	1387.7
67.5°	183.1	192.1	202.1	269.1	336.2	403.2	470.2	664.3	857.4	1051.5	1244.6
70°	160.1	168.1	177.1	255.1	333.2	411.2	489.3	654.3	820.4	985.5	1150.6
72.5°	141.1	148.1	155.1	234.1	313.2	392.2	471.2	618.3	764.4	911.5	1057.5
75°	123.1	126.1	130.1	197.1	263.1	330.2	396.2	494.3	593.3	691.4	789.4
77.5°	89.0	89.0	90.0	110.1	129.1	149.1	168.1	229.1	290.2	350.2	411.2
80°	61.0	62.0	62.0	70.0	77.0	85.0	92.0	105.1	117.1	130.1	142.1
82.5°	31.0	29.0	28.0	36.0	44.0	52.0	60.0	63.0	65.0	68.0	70.0
85°	3.0	1.0	0.0	5.0	10.0	15.0	20.0	24.0	28.0	32.0	36.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

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: P368503

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1
2.5°	2324.2	2316.2	2308.2	2300.2	2349.2	2399.2	2448.3	2497.3	2636.4	2727.4	2717.4
5°	2590.3	2626.4	2662.4	2698.4	2756.4	2815.5	2873.5	2931.5	3137.6	3263.7	3281.7
7.5°	2415.3	2470.3	2526.3	2581.3	2693.4	2804.5	2916.5	3027.6	3196.7	3327.7	3401.8
10°	2130.1	2193.1	2255.2	2318.2	2444.3	2571.3	2697.4	2823.5	3013.6	3194.7	3287.7
12.5°	2136.1	2235.2	2334.2	2433.3	2543.3	2653.4	2762.4	2872.5	2988.6	3049.6	3180.7
15°	2302.2	2380.2	2458.3	2536.3	2680.4	2824.5	2967.5	3111.6	3180.7	3327.7	3480.8
17.5°	2363.2	2516.3	2668.4	2820.5	3000.6	3179.7	3359.7	3538.8	3668.9	3873.0	4031.1
20°	2250.2	2479.3	2707.4	2936.5	3183.7	3430.8	3677.9	3925.0	4067.1	4261.2	4505.3
22.5°	2255.2	2498.3	2740.4	2983.5	3324.7	3664.9	4006.1	4346.3	4727.5	5101.6	5220.7
25°	2290.2	2608.4	2925.5	3243.7	3637.9	4032.1	4426.3	4820.5	5280.7	5673.9	5832.0
27.5°	2302.2	2660.4	3017.6	3375.8	3936.0	4496.3	5056.6	5616.9	6166.2	6610.4	6779.5
30°	2273.2	2711.4	3148.6	3585.9	4273.2	4960.6	5647.9	6335.3	6856.6	7373.8	7583.9
32.5°	2280.2	2838.5	3396.8	3955.1	4764.5	5574.9	6384.3	7193.7	7526.9	7993.2	8363.3
35°	2328.2	2940.5	3551.8	4164.2	5059.6	5955.1	6850.6	7746.0	8292.3	8784.6	9098.7
37.5°	2440.3	3118.6	3796.0	4474.3	5574.9	6676.5	7777.0	8877.6	9723.0	10568.5	10712.6
40°	2523.3	3239.7	3956.1	4672.4	5950.1	7227.8	8505.4	9783.1	10739.6	11657.1	11755.1
42.5°	2617.4	3401.8	4187.2	4971.6	6400.3	7829.1	9257.8	10686.5	11794.1	12729.6	12794.6
45°	2720.4	3527.8	4334.3	5140.7	6637.4	8133.2	9630.0	11125.8	12419.4	13506.0	13260.9
47.5°	2769.4	3632.9	4496.3	5359.8	6964.6	8568.4	10173.3	11777.1	12937.7	13896.2	13610.1
50°	2807.5	3757.0	4707.4	5656.9	7339.8	9022.7	10705.6	12388.4	13552.0	14436.5	13988.3
52.5°	2914.5	3976.1	5038.6	6100.2	7890.1	9679.0	11469.0	13257.9	14383.5	15195.9	14567.6
55°	3018.6	4241.2	5464.8	6687.5	8612.5	10538.5	12463.5	14388.5	15509.1	16205.4	15352.0
57.5°	3149.6	4498.3	5846.0	7193.7	9252.8	11311.9	13369.9	15429.0	16524.6	17294.0	16407.5
60°	3115.6	4556.4	5998.1	7438.9	9536.0	11633.0	13730.1	15827.2	17128.9	18074.4	17473.1
62.5°	2983.5	4412.3	5840.0	7268.8	9328.8	11387.9	13448.0	15507.1	17066.9	18347.5	18145.4
65°	2716.4	4044.1	5372.8	6700.5	8667.5	10635.5	12602.5	14569.6	16494.6	18124.4	18196.4
67.5°	2365.2	3485.8	4605.4	5726.0	7560.9	9395.9	11229.8	13064.8	15337.0	17238.0	17452.1
70°	1993.0	2834.5	3676.9	4518.3	6133.2	7748.0	9361.9	10976.7	13338.9	15251.9	15656.1
72.5°	1597.8	2139.1	2679.4	3219.7	4385.3	5549.9	6715.5	7880.1	9958.2	11442.9	12148.3
75°	1035.5	1281.7	1527.8	1773.9	2550.3	3325.7	4102.1	4877.5	6257.2	7350.8	8148.2
77.5°	461.2	511.3	560.3	610.3	1209.6	1808.9	2408.3	3007.6	3606.9	4267.2	4454.3
80°	165.1	187.1	210.1	232.1	526.3	821.4	1115.6	1409.7	1699.9	2041.1	2124.1
82.5°	69.0	69.0	68.0	67.0	172.1	277.1	382.2	487.3	563.3	647.3	663.3
85°	28.0	21.0	13.0	5.0	22.0	40.0	57.0	74.0	119.1	108.1	200.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

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: P368503

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1
2.5°	2679.4	2677.4	2675.4	2673.4	2671.4	2635.4	2600.4	2564.3	2529.3	2573.3	2617.4
5°	3252.7	3304.7	3356.7	3409.8	3461.8	3476.8	3491.8	3506.8	3521.8	3553.8	3585.9
7.5°	3463.8	3551.8	3638.9	3726.9	3814.0	3895.0	3975.1	4056.1	4137.1	4117.1	4097.1
10°	3390.8	3549.8	3708.9	3869.0	4028.1	4063.1	4098.1	4134.1	4169.2	4260.2	4351.3
12.5°	3311.7	3502.8	3693.9	3885.0	4076.1	4182.2	4287.2	4393.3	4499.3	4591.4	4683.4
15°	3686.9	3809.0	3931.0	4054.1	4176.2	4269.2	4361.3	4454.3	4546.4	4610.4	4673.4
17.5°	4180.2	4240.2	4300.2	4361.3	4421.3	4494.3	4567.4	4640.4	4713.4	4751.5	4789.5
20°	4701.4	4727.5	4753.5	4779.5	4805.5	4747.5	4689.4	4631.4	4573.4	4609.4	4644.4
22.5°	5224.7	5233.7	5243.7	5252.7	5261.7	5126.7	4991.6	4856.5	4721.5	4664.4	4607.4
25°	6030.1	5964.1	5898.1	5832.0	5766.0	5605.9	5445.8	5285.7	5125.7	4984.6	4843.5
27.5°	6902.6	6678.5	6455.4	6231.2	6008.1	5848.0	5688.0	5527.9	5367.8	5155.7	4943.6
30°	7782.0	7420.9	7060.7	6699.5	6339.3	6149.2	5959.1	5768.0	5577.9	5365.8	5154.7
32.5°	8588.5	8154.2	7720.0	7284.8	6850.6	6530.4	6210.2	5890.1	5569.9	5421.8	5273.7
35°	9256.8	8743.5	8230.3	7716.0	7202.7	6885.6	6568.4	6251.2	5934.1	5714.0	5494.9
37.5°	10399.4	9822.1	9244.8	8667.5	8090.2	7657.0	7224.8	6791.5	6358.3	6211.2	6064.1
40°	11452.9	10725.6	9998.2	9270.8	8543.4	8180.2	7818.1	7454.9	7092.7	6851.6	6611.4
42.5°	12290.4	11524.0	10758.6	9992.2	9225.8	8866.6	8508.4	8149.2	7790.0	7629.0	7468.9
45°	12471.5	11749.1	11027.7	10305.4	9583.0	9373.9	9165.8	8956.7	8748.5	8637.5	8527.4
47.5°	12828.7	12045.3	11262.8	10479.4	9696.0	9602.0	9507.9	9412.9	9318.8	9371.9	9424.9
50°	13028.8	12229.3	11429.9	10630.5	9831.1	9858.1	9884.1	9911.1	9938.2	10314.4	10689.6
52.5°	13417.0	12609.5	11802.1	10994.7	10187.3	10357.4	10526.5	10696.6	10865.6	11383.9	11901.2
55°	14110.3	13316.9	12523.5	11729.1	10935.7	11159.8	11383.9	11609.0	11833.1	12383.4	12932.7
57.5°	15137.9	14350.5	13564.0	12776.6	11990.2	12213.3	12436.5	12659.6	12882.7	13379.9	13876.2
60°	16431.5	15623.1	14815.7	14007.3	13199.9	13283.9	13366.9	13451.0	13535.0	14069.3	14602.6
62.5°	17439.1	16695.7	15953.3	15209.9	14467.5	14374.5	14282.4	14189.4	14097.3	14503.5	14908.7
65°	17673.2	17149.9	16627.6	16104.4	15581.1	15294.9	15009.8	14723.6	14437.5	14601.6	14765.7
67.5°	17002.8	16649.6	16297.5	15944.3	15591.1	14993.8	14396.5	13798.2	13200.9	13113.8	13026.8
70°	15447.0	15253.9	15061.8	14868.7	14676.6	13756.1	12836.7	11916.2	10996.7	10775.6	10554.5
72.5°	12189.3	12309.4	12429.5	12550.5	12670.6	11685.1	10700.6	9715.0	8729.5	8449.4	8170.2
75°	8595.5	9002.7	9409.9	9817.1	10224.3	9325.8	8428.4	7529.9	6631.4	6362.3	6094.2
77.5°	4660.4	5423.8	6187.2	6950.6	7714.0	6972.6	6232.2	5490.9	4749.5	4562.4	4376.3
80°	2209.1	2649.4	3088.6	3528.8	3969.1	3802.0	3634.9	3466.8	3299.7	3340.7	3381.8
82.5°	677.4	995.5	1313.7	1631.8	1950.0	1975.0	1999.0	2024.1	2049.1	2111.1	2172.1
85°	227.1	311.2	395.2	479.2	563.3	711.4	859.4	1008.5	1156.6	1060.6	965.5
87.5°	0.0	3.0	5.0	8.0	10.0	31.0	52.0	73.0	94.0	81.0	69.0
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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

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: P368503

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

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1
2.5°	2662.4	2706.4	2707.4	2709.4	2710.4	2711.4	2716.4	2721.4	2727.4	2732.4	2699.4
5°	3618.9	3650.9	3591.9	3532.8	3472.8	3413.8	3466.8	3519.8	3572.9	3625.9	3602.9
7.5°	4076.1	4056.1	4049.1	4043.1	4036.1	4030.1	4050.1	4070.1	4090.1	4110.1	4108.1
10°	4442.3	4533.4	4555.4	4577.4	4600.4	4622.4	4576.4	4530.4	4484.3	4438.3	4419.3
12.5°	4775.5	4867.5	4940.6	5013.6	5087.6	5160.7	5094.6	5029.6	4963.6	4898.5	4836.5
15°	4737.5	4800.5	4860.5	4920.6	4980.6	5040.6	5018.6	4997.6	4975.6	4953.6	4943.6
17.5°	4828.5	4866.5	4852.5	4838.5	4823.5	4809.5	4802.5	4796.5	4789.5	4782.5	4758.5
20°	4680.4	4716.4	4707.4	4699.4	4690.4	4681.4	4675.4	4669.4	4663.4	4657.4	4638.4
22.5°	4550.4	4493.3	4478.3	4464.3	4449.3	4435.3	4437.3	4439.3	4440.3	4442.3	4528.4
25°	4702.4	4561.4	4506.3	4451.3	4395.3	4340.3	4365.3	4389.3	4414.3	4439.3	4563.4
27.5°	4730.5	4518.3	4430.3	4342.3	4254.2	4166.2	4256.2	4346.3	4436.3	4526.4	4727.5
30°	4942.6	4731.5	4608.4	4486.3	4363.3	4241.2	4356.3	4471.3	4586.4	4701.4	4919.6
32.5°	5124.7	4976.6	4888.5	4800.5	4712.4	4624.4	4629.4	4633.4	4638.4	4643.4	4950.6
35°	5274.7	5055.6	4975.6	4896.5	4816.5	4737.5	4856.5	4975.6	5094.6	5213.7	5489.9
37.5°	5917.1	5770.0	5622.9	5476.8	5329.8	5183.7	5278.7	5373.8	5469.8	5564.9	5870.0
40°	6370.3	6130.2	6092.2	6055.1	6017.1	5980.1	6029.1	6077.2	6126.2	6175.2	6442.3
42.5°	7307.8	7146.7	7043.7	6941.6	6838.6	6736.5	6775.5	6814.5	6854.6	6893.6	7146.7
45°	8416.4	8305.3	8237.3	8169.2	8100.2	8032.2	7973.1	7915.1	7856.1	7798.0	8055.2
47.5°	9477.9	9530.9	9681.0	9830.1	9980.2	10129.3	10007.2	9885.1	9762.1	9640.0	9641.0
50°	11065.7	11440.9	11517.0	11592.0	11668.1	11743.1	11483.0	11222.8	10961.7	10701.6	10670.5
52.5°	12419.4	12936.7	12963.7	12990.7	13018.8	13045.8	12940.7	12835.7	12729.6	12624.6	12345.4
55°	13483.0	14032.3	14069.3	14105.3	14142.3	14178.4	14086.3	13995.3	13903.2	13811.2	13529.0
57.5°	14373.5	14869.7	14891.7	14912.7	14934.8	14956.8	14963.8	14970.8	14978.8	14985.8	14604.6
60°	15136.9	15671.1	15627.1	15584.1	15540.1	15497.0	15431.0	15365.0	15298.9	15232.9	14986.8
62.5°	15315.0	15721.2	15653.1	15586.1	15518.1	15451.0	15395.0	15340.0	15283.9	15227.9	15070.8
65°	14929.8	15093.8	15023.8	14953.8	14882.7	14812.7	14776.7	14741.7	14705.6	14669.6	14649.6
67.5°	12938.7	12851.7	12934.7	13017.8	13100.8	13183.8	13296.9	13410.0	13524.0	13637.1	13571.0
70°	10332.4	10111.3	10203.3	10294.3	10386.4	10477.4	10648.5	10819.6	10991.7	11162.8	11116.8
72.5°	7890.1	7610.0	7623.0	7636.0	7650.0	7663.0	7658.0	7654.0	7649.0	7644.0	7724.0
75°	5825.0	5555.9	5428.8	5301.8	5174.7	5047.6	5016.6	4985.6	4954.6	4923.6	5072.6
77.5°	4189.2	4003.1	3916.0	3830.0	3742.9	3656.9	3700.9	3744.9	3790.0	3834.0	3886.0
80°	3423.8	3464.8	3397.8	3331.7	3264.7	3197.7	3247.7	3296.7	3346.7	3396.8	3241.7
82.5°	2234.2	2295.2	2089.1	1883.0	1676.9	1470.8	1595.8	1720.9	1847.0	1972.0	1908.0
85°	869.5	774.4	660.3	547.3	433.2	319.2	415.2	511.3	607.3	703.4	767.4
87.5°	56.0	44.0	35.0	26.0	16.0	7.0	15.0	23.0	32.0	40.0	67.0
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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

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: P368503

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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1	2115.1
2.5°	2667.4	2634.4	2602.4	2539.3	2476.3	2413.3	2350.2	2438.3	2526.3	2614.4	2702.4
5°	3580.9	3557.8	3535.8	3541.8	3547.8	3554.8	3560.8	3573.9	3586.9	3598.9	3611.9
7.5°	4107.1	4105.1	4103.1	4057.1	4011.1	3964.1	3918.0	3941.0	3964.1	3987.1	4010.1
10°	4401.3	4382.3	4363.3	4262.2	4161.2	4059.1	3958.1	3914.0	3869.0	3825.0	3781.0
12.5°	4774.5	4711.4	4649.4	4541.4	4434.3	4326.2	4218.2	4178.2	4137.1	4097.1	4056.1
15°	4934.6	4924.6	4915.6	4838.5	4760.5	4683.4	4605.4	4468.3	4330.2	4193.2	4056.1
17.5°	4734.5	4709.4	4685.4	4807.5	4928.6	5050.6	5172.7	5030.6	4888.5	4746.5	4604.4
20°	4619.4	4600.4	4581.4	4808.5	5034.6	5261.7	5487.8	5424.8	5360.8	5297.8	5234.7
22.5°	4614.4	4701.4	4787.5	4986.6	5184.7	5383.8	5581.9	5691.0	5801.0	5910.1	6019.1
25°	4687.4	4812.5	4936.6	5266.7	5596.9	5928.1	6258.2	6383.3	6507.4	6632.4	6756.5
27.5°	4927.6	5128.7	5328.8	5616.9	5905.1	6194.2	6482.4	6755.5	7029.7	7302.8	7575.9
30°	5136.7	5354.8	5572.9	5916.1	6258.2	6601.4	6943.6	7285.8	7628.0	7970.1	8312.3
32.5°	5257.7	5565.9	5873.0	6290.3	6706.5	7123.7	7540.9	7916.1	8291.3	8665.5	9040.7
35°	5766.0	6043.1	6319.3	6780.5	7241.8	7704.0	8165.2	8629.5	9093.7	9557.0	10021.2
37.5°	6175.2	6481.4	6786.5	7290.8	7794.0	8298.3	8802.6	9443.9	10086.2	10727.6	11368.9
40°	6709.5	6976.6	7243.8	7716.0	8187.3	8659.5	9131.7	9945.2	10758.6	11571.0	12384.4
42.5°	7398.8	7652.0	7905.1	8410.4	8915.6	9420.9	9926.2	10826.6	11727.1	12626.6	13527.0
45°	8312.3	8570.5	8827.6	9229.8	9632.0	10034.2	10436.4	11393.9	12350.4	13307.9	14264.4
47.5°	9642.0	9643.0	9644.0	9934.2	10224.3	10515.5	10805.6	11770.1	12733.6	13698.1	14661.6
50°	10639.5	10607.5	10576.5	10726.6	10875.6	11025.7	11175.8	12063.3	12951.7	13839.2	14726.6
52.5°	12067.3	11788.1	11510.0	11599.0	11687.1	11776.1	11864.2	12615.6	13367.9	14119.3	14870.7
55°	13247.9	12965.7	12683.6	12650.6	12617.6	12584.5	12551.5	13242.9	13934.2	14625.6	15317.0
57.5°	14224.4	13843.2	13463.0	13387.0	13311.9	13235.9	13159.8	13889.2	14617.6	15347.0	16075.3
60°	14741.7	14495.5	14249.4	14200.4	14150.3	14101.3	14051.3	14649.6	15247.9	15846.2	16444.5
62.5°	14914.7	14757.7	14601.6	14693.6	14785.7	14878.7	14970.8	15233.9	15496.0	15759.2	16021.3
65°	14630.6	14610.6	14590.6	14779.7	14967.8	15156.9	15346.0	15280.9	15214.9	15149.9	15084.8
67.5°	13506.0	13440.0	13374.9	13790.2	14204.4	14619.6	15034.8	14719.6	14403.5	14088.3	13773.2
70°	11070.7	11023.7	10977.7	11576.0	12174.3	12773.6	13371.9	12989.7	12607.5	12225.3	11843.1
72.5°	7803.1	7883.1	7963.1	8668.5	9372.9	10078.2	10782.6	10397.4	10012.2	9627.0	9241.8
75°	5220.7	5369.8	5518.9	6245.2	6971.6	7699.0	8425.4	7973.1	7520.9	7068.7	6616.4
77.5°	3938.0	3990.1	4042.1	4501.3	4960.6	5420.8	5880.1	5506.9	5132.7	4759.5	4385.3
80°	3086.6	2930.5	2775.4	2926.5	3077.6	3228.7	3379.8	3156.6	2933.5	2711.4	2488.3
82.5°	1844.0	1779.9	1715.9	1797.9	1879.0	1961.0	2043.1	1947.0	1850.0	1753.9	1656.9
85°	830.4	894.5	957.5	1040.5	1122.6	1205.6	1288.7	1154.6	1020.5	886.5	752.4
87.5°	93.0	120.1	147.1	182.1	217.1	252.1	287.1	224.1	160.1	97.1	34.0
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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

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: P368503
 CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	2115.1	2115.1
2.5°	2753.4	2804.5
5°	3610.9	3608.9
7.5°	3950.1	3889.0
10°	3724.9	3668.9
12.5°	3913.0	3770.0
15°	3948.0	3840.0
17.5°	4428.3	4251.2
20°	5007.6	4779.5
22.5°	5707.0	5393.8
25°	6384.3	6012.1
27.5°	7352.8	7128.7
30°	8086.2	7859.1
32.5°	8886.6	8732.5
35°	9868.1	9714.0
37.5°	11408.9	11447.9
40°	12408.4	12432.5
42.5°	13620.1	13713.1
45°	14368.5	14472.5
47.5°	14806.7	14951.8
50°	14960.8	15194.9
52.5°	15159.9	15448.0
55°	15638.1	15959.3
57.5°	16331.5	16587.6
60°	16456.5	16468.6
62.5°	15836.2	15651.1
65°	14887.7	14690.6
67.5°	13654.1	13534.0
70°	11685.1	11527.0
72.5°	8947.6	8653.5
75°	6252.2	5888.1
77.5°	4194.2	4003.1
80°	2494.3	2499.3
82.5°	1702.9	1747.9
85°	743.4	733.4
87.5°	24.0	13.0
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: P368503
CATALOG NUMBER: MSA-SA4C-740-U-SLR-HSS

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)