

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: P367052

Luminaire Tested: **MSA-SA1D-740-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367052
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-SA1D-740-U-SLR
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5874 lumens
Efficiency: N/A
Efficacy: 87.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

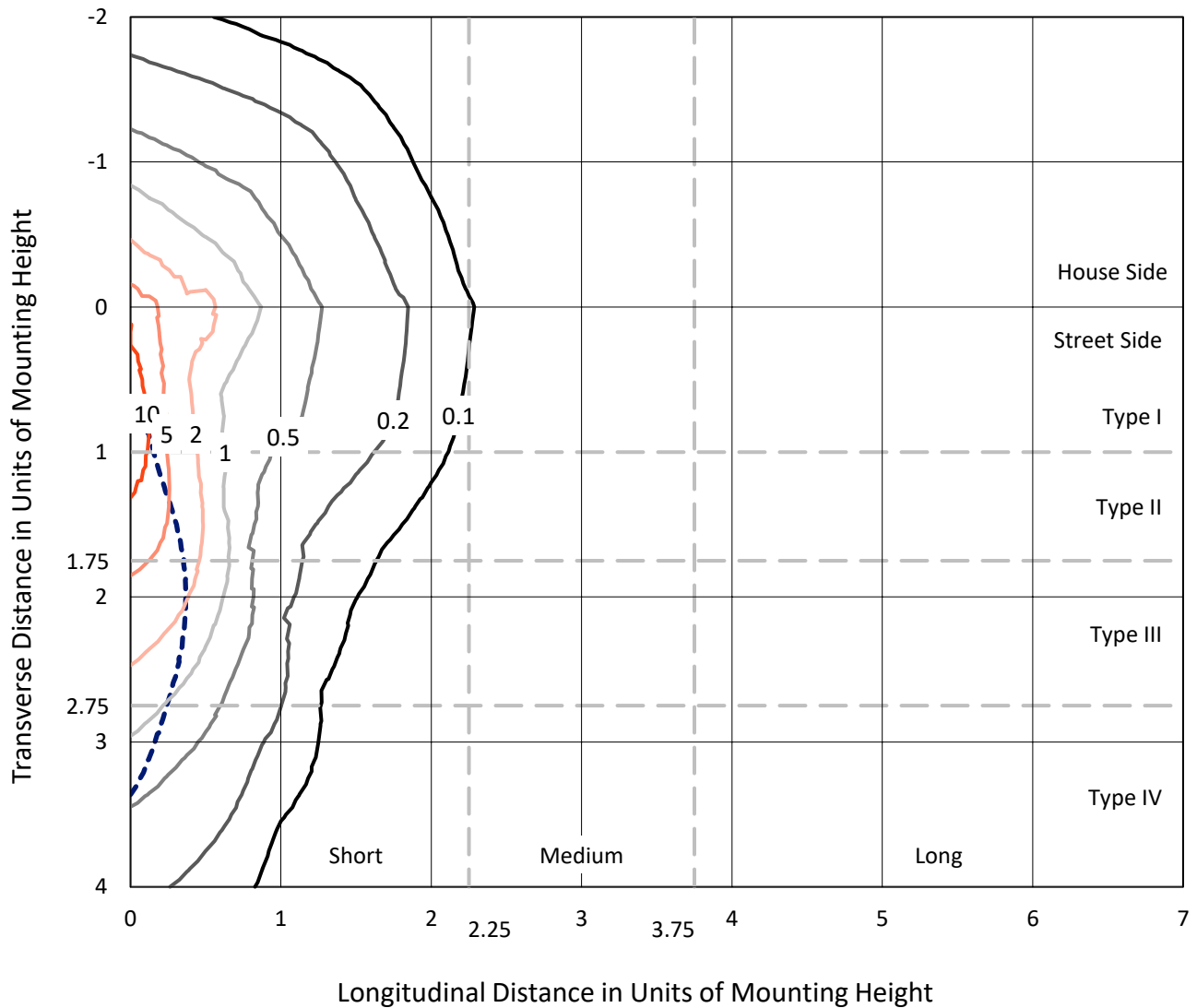
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

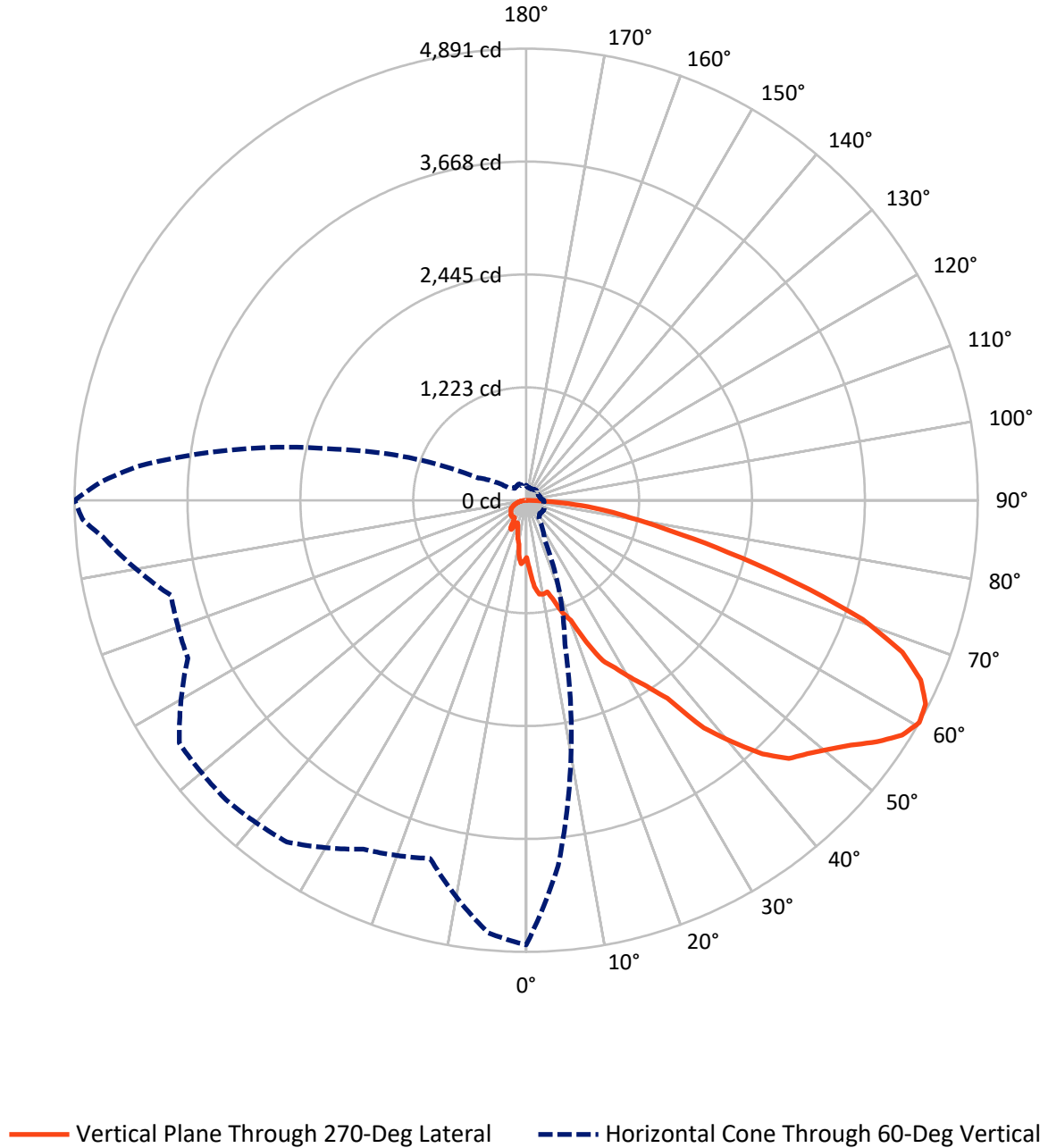
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15.6 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	1137.7	0.0	1137.7
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	4736.3	0.0	4736.3
	% Fixture	80.6	0.0	80.6
Total	Lumens	5874.0	0.0	5874.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.0	1.2
10°-20°	206.4	3.5
20°-30°	364.4	6.2
30°-40°	567.5	9.7
40°-50°	934.2	15.9
50°-60°	1333.5	22.7
60°-70°	1414.0	24.1
70°-80°	781.0	13.3
80°-90°	202.1	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°	5874.0	100.0
0°-180°	5874.0	100.0

Coefficient of Utilization



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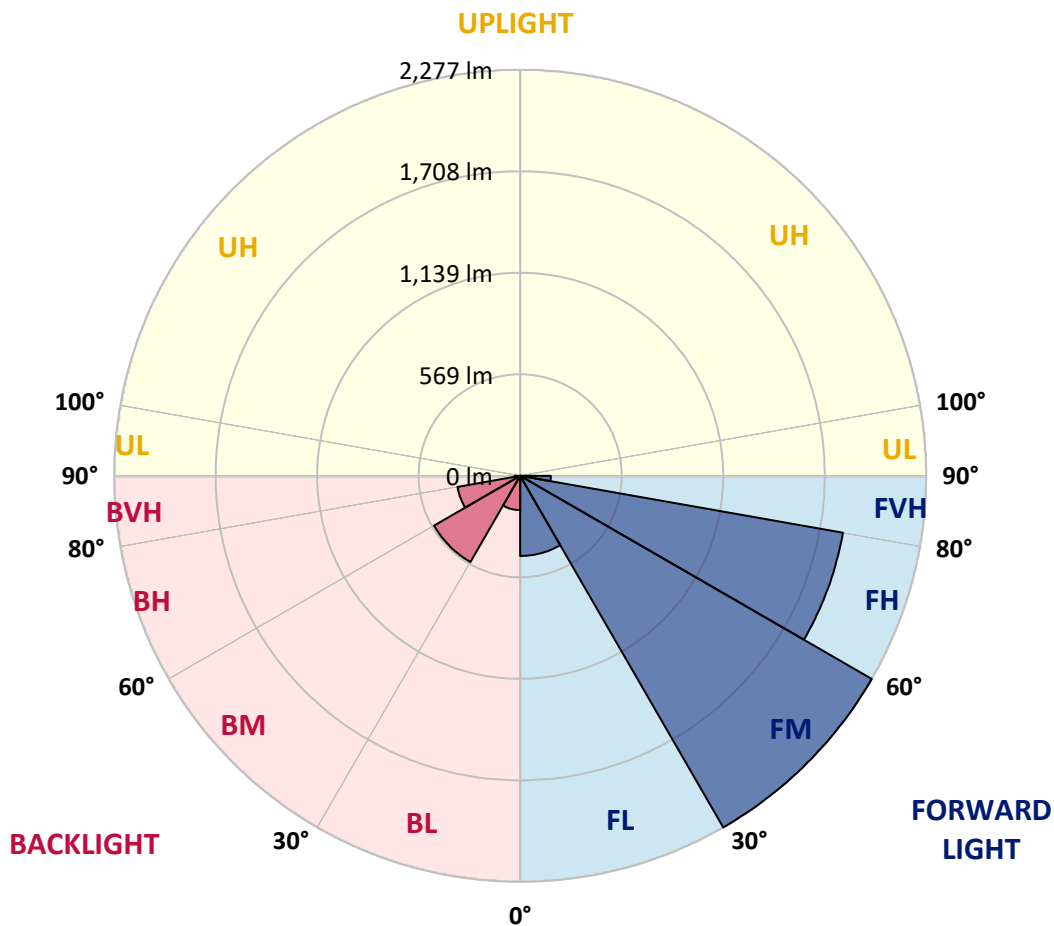
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	449.5	7.7			
FM (30°-60°)	2277.1	38.8			
FH (60°-80°)	1838.0	31.3			G2/5000
FVH (80°-90°)	171.7	2.9			G2/225
BL (0°-30°)	192.3	3.3	B1/500		
BM (30°-60°)	558.1	9.5	B1/1000		
BH (60°-80°)	357.0	6.1	B1/500		G1/500
BVH (80°-90°)	30.3	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6
2.5°	829.7	834.8	839.7	830.0	820.3	810.3	800.6	786.1	771.2	756.7	741.9
5°	996.5	977.7	958.6	950.9	943.4	935.7	928.0	920.9	913.8	906.4	899.3
7.5°	1048.7	1021.9	994.8	983.4	972.0	960.3	948.9	923.2	897.5	871.6	845.9
10°	991.3	963.4	935.2	924.1	912.7	901.5	890.1	858.8	827.7	796.3	765.0
12.5°	1037.5	1009.0	980.2	944.9	909.5	873.9	838.5	821.1	803.7	786.1	768.7
15°	1082.0	1043.5	1004.7	969.4	934.0	898.4	863.0	828.3	793.5	758.7	723.9
17.5°	1244.5	1180.4	1116.2	1052.4	988.2	924.3	860.2	820.0	779.5	739.3	698.8
20°	1442.7	1353.4	1263.9	1167.0	1069.7	972.8	875.6	824.8	774.4	723.6	672.9
22.5°	1678.5	1565.8	1453.2	1330.9	1208.6	1086.0	963.7	890.1	816.6	742.7	669.2
25°	1865.8	1757.4	1649.1	1494.0	1338.9	1183.8	1028.7	945.2	861.6	777.8	694.3
27.5°	2047.7	1875.2	1702.4	1524.8	1347.5	1169.8	992.2	914.9	837.7	760.4	683.1
30°	2201.4	2064.5	1927.7	1695.9	1464.1	1232.0	1000.2	905.2	810.3	715.4	620.4
32.5°	2426.3	2231.0	2035.4	1793.7	1551.9	1310.1	1068.3	946.9	825.4	703.9	582.5
35°	2689.5	2486.5	2283.5	1984.4	1685.6	1386.5	1087.4	958.8	830.0	701.4	572.5
37.5°	3180.2	2822.3	2464.2	2137.8	1811.3	1484.6	1158.1	1008.7	859.3	709.7	560.3
40°	3450.7	3120.0	2789.3	2382.4	1975.6	1568.4	1161.6	1008.7	855.6	702.8	549.7
42.5°	3811.4	3393.1	2974.6	2534.7	2095.0	1655.1	1215.2	1045.8	876.4	706.8	537.4
45°	4031.2	3565.1	3098.6	2628.5	2158.3	1688.2	1218.0	1046.1	874.2	702.2	530.3
47.5°	4172.9	3725.3	3277.4	2771.3	2265.2	1758.9	1252.8	1070.3	887.6	705.1	522.3
50°	4307.2	3863.9	3420.2	2894.8	2369.6	1844.1	1318.7	1119.4	920.1	720.5	521.2
52.5°	4472.0	4063.7	3655.2	3091.5	2527.5	1963.9	1399.9	1182.9	966.0	749.0	532.0
55°	4711.8	4309.5	3906.9	3301.9	2696.6	2091.6	1486.3	1245.4	1004.7	763.8	522.9
57.5°	4867.2	4459.2	4051.2	3434.2	2817.2	2199.9	1583.0	1316.1	1049.2	782.1	515.2
60°	4815.6	4394.8	3973.6	3385.4	2797.3	2209.1	1620.9	1332.6	1044.7	756.4	468.2
62.5°	4587.5	4140.1	3692.8	3165.9	2639.3	2112.4	1585.5	1292.4	999.6	706.5	413.4
65°	4268.7	3806.3	3343.5	2868.3	2393.0	1917.7	1442.4	1176.4	910.1	644.1	377.8
67.5°	3877.6	3395.4	2913.0	2492.2	2071.4	1650.2	1229.4	1007.0	784.9	562.5	340.1
70°	3386.9	2913.0	2439.2	2075.1	1711.0	1346.9	982.8	815.4	648.4	481.0	313.6
72.5°	2722.3	2313.4	1904.6	1618.0	1331.5	1044.9	758.4	642.1	526.0	409.7	293.4
75°	1936.2	1695.9	1455.5	1232.6	1009.6	786.3	563.4	488.1	412.8	337.6	262.3
77.5°	1376.0	1234.3	1092.6	917.8	743.0	568.2	393.5	349.3	305.4	261.2	217.0
80°	1017.3	899.0	780.6	648.9	517.2	385.5	253.8	232.1	210.7	189.0	167.4
82.5°	669.7	616.4	562.8	458.5	354.1	249.8	145.4	137.4	129.4	121.5	113.5
85°	299.9	316.8	333.3	269.4	205.3	141.4	77.3	73.6	69.9	66.1	62.4
87.5°	28.8	42.5	56.2	48.2	39.9	31.9	23.7	23.4	23.4	23.1	22.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6
2.5°	745.9	749.9	753.8	757.8	753.6	749.3	744.7	740.4	735.0	729.6	723.9
5°	887.3	875.0	863.0	850.8	832.5	814.3	795.8	777.5	775.2	772.7	770.4
7.5°	823.4	801.2	778.6	756.1	727.6	699.4	670.9	642.4	633.8	625.3	616.7
10°	749.9	734.5	719.3	703.9	686.3	668.6	650.6	633.0	609.6	585.9	562.5
12.5°	743.6	718.5	693.1	668.0	657.2	646.4	635.5	624.7	604.2	583.6	562.8
15°	703.7	683.1	662.9	642.4	626.7	611.0	595.3	579.6	563.1	546.3	529.7
17.5°	675.4	652.1	628.7	605.3	587.3	569.4	551.1	533.2	513.2	493.0	473.0
20°	646.1	619.6	592.8	566.0	543.1	520.6	497.8	475.0	453.0	431.4	409.4
22.5°	634.1	599.0	564.0	528.9	504.9	480.7	456.8	432.5	412.3	392.0	371.8
25°	652.3	610.7	568.8	526.9	494.7	462.2	430.0	397.4	380.6	363.8	346.7
27.5°	631.0	578.5	526.3	473.9	439.4	404.6	370.1	335.3	332.7	330.2	327.3
30°	565.4	510.4	455.3	400.3	368.7	336.7	305.1	273.1	267.2	260.9	254.9
32.5°	526.3	470.2	414.0	357.8	329.6	301.1	272.9	244.3	237.5	230.7	223.8
35°	511.5	450.5	389.5	328.5	304.2	280.0	255.7	231.5	226.7	222.1	217.3
37.5°	499.5	439.1	378.3	317.6	294.2	270.9	247.2	223.8	220.1	216.4	212.7
40°	488.1	426.8	365.2	303.6	282.8	262.3	241.5	220.7	218.4	216.1	213.6
42.5°	477.9	418.3	358.4	298.8	280.3	262.0	243.5	225.0	222.7	220.4	218.1
45°	472.1	414.0	355.8	297.7	284.3	270.9	257.2	243.8	238.4	232.9	227.2
47.5°	467.9	413.4	359.0	304.5	290.5	276.6	262.6	248.6	243.8	238.9	233.8
50°	468.7	416.6	364.1	311.6	294.8	277.7	260.9	243.8	243.2	242.6	242.1
52.5°	476.4	421.1	365.5	309.9	291.7	273.4	254.9	236.6	240.4	243.8	247.5
55°	465.3	407.7	349.8	292.2	274.9	257.7	240.4	223.0	227.8	232.4	237.2
57.5°	452.8	390.3	327.9	265.4	252.3	239.2	225.8	212.7	217.8	223.2	228.4
60°	411.1	354.1	297.1	240.1	231.2	222.4	213.6	204.7	207.0	209.3	211.6
62.5°	365.5	317.3	269.4	221.2	214.4	207.3	200.4	193.3	193.3	193.6	193.6
65°	336.4	295.1	253.8	212.4	204.7	197.0	189.0	181.3	180.2	179.1	177.9
67.5°	307.4	274.9	242.1	209.3	198.2	187.3	176.2	165.1	163.7	162.5	161.1
70°	284.5	255.5	226.4	197.3	184.8	172.5	159.9	147.4	146.3	145.4	144.3
72.5°	266.0	238.9	211.6	184.2	171.1	157.7	144.6	131.2	130.3	129.4	128.3
75°	238.1	214.1	189.9	165.7	152.8	140.3	127.4	114.6	113.5	112.6	111.5
77.5°	197.0	176.8	156.8	136.6	126.6	116.9	106.9	96.9	96.4	95.8	94.9
80°	151.7	136.0	120.0	104.4	97.8	91.0	84.4	77.6	77.3	77.0	76.4
82.5°	104.1	94.7	85.2	75.8	71.0	65.9	61.0	55.9	56.2	56.5	56.7
85°	59.3	55.9	52.7	49.3	45.3	41.6	37.6	33.6	34.5	35.4	35.9
87.5°	21.7	20.5	19.4	18.2	16.3	14.5	12.5	10.5	11.1	12.0	12.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P367052
 CATALOG NUMBER: MSA-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6
2.5°	718.5	709.9	701.4	692.8	684.3	666.6	649.2	631.5	613.9	624.7	635.8
5°	767.8	753.3	738.4	723.9	709.1	700.8	692.5	684.3	676.0	680.3	684.8
7.5°	608.1	599.6	590.8	582.2	573.4	569.7	566.2	562.5	558.8	569.4	579.9
10°	538.9	526.9	514.9	502.7	490.7	483.6	476.4	469.3	462.2	465.0	467.9
12.5°	542.3	524.6	506.9	489.3	471.6	461.0	450.5	439.9	429.4	431.9	434.5
15°	512.9	494.7	476.4	458.2	439.9	427.7	415.1	402.9	390.3	386.0	381.5
17.5°	452.8	432.8	412.8	392.9	372.9	364.7	356.4	348.1	339.9	335.3	330.7
20°	387.5	368.9	350.4	331.9	313.3	307.6	301.9	295.9	290.2	287.4	284.3
22.5°	351.5	340.1	328.5	317.0	305.4	298.8	292.5	286.0	279.4	276.3	272.9
25°	329.9	332.2	334.7	337.0	339.3	336.4	333.3	330.4	327.3	328.5	329.3
27.5°	324.7	329.6	334.7	339.6	344.4	347.0	349.6	352.1	354.7	355.5	356.4
30°	248.6	251.2	253.5	256.0	258.3	265.4	272.6	279.4	286.5	297.7	309.1
32.5°	217.0	216.1	215.3	214.1	213.3	215.0	216.7	218.1	219.8	223.8	228.1
35°	212.4	210.4	208.1	206.1	203.9	204.7	205.6	206.4	207.3	210.4	213.6
37.5°	209.0	208.1	207.6	206.7	205.9	207.8	209.6	211.6	213.3	215.8	218.4
40°	211.3	211.0	210.7	210.1	209.8	211.0	212.1	213.3	214.4	217.8	221.2
42.5°	215.8	215.8	215.5	215.5	215.3	216.4	217.3	218.4	219.3	221.2	223.2
45°	221.8	221.2	221.0	220.4	219.8	219.5	219.5	219.3	219.0	220.1	221.5
47.5°	228.9	227.0	224.7	222.7	220.4	219.8	219.0	218.4	217.5	218.1	218.7
50°	241.5	236.1	230.9	225.5	220.1	218.7	217.3	215.8	214.4	214.1	214.1
52.5°	250.9	242.9	234.9	227.0	219.0	216.4	213.8	211.3	208.7	208.1	207.8
55°	241.8	235.8	230.1	224.1	218.1	214.4	210.4	206.7	202.7	201.9	201.0
57.5°	233.5	229.8	226.1	222.4	218.7	215.0	211.0	207.3	203.3	201.3	199.3
60°	213.8	213.8	214.1	214.1	214.1	210.1	206.1	202.1	198.2	196.2	194.4
62.5°	193.6	196.7	199.6	202.7	205.6	200.2	194.4	189.0	183.3	181.9	180.8
65°	176.8	177.6	178.8	179.6	180.5	176.2	171.9	167.6	163.4	162.5	161.4
67.5°	159.7	159.4	159.1	158.5	158.2	155.7	152.8	150.3	147.4	146.3	145.1
70°	143.1	142.8	142.6	142.0	141.7	139.4	137.1	134.9	132.6	131.7	130.9
72.5°	127.4	127.2	126.6	126.3	125.7	123.7	122.0	120.0	118.0	116.9	115.8
75°	110.3	109.8	109.2	108.6	108.1	106.3	104.6	102.6	100.9	99.8	98.6
77.5°	94.4	93.5	92.7	91.5	90.7	89.2	87.5	86.1	84.4	83.0	81.8
80°	76.1	75.6	75.0	74.1	73.6	72.1	70.7	69.0	67.6	65.9	64.4
82.5°	57.0	56.7	56.2	55.9	55.3	53.9	52.5	51.0	49.6	47.9	46.2
85°	36.8	36.5	36.2	35.9	35.6	34.5	33.6	32.5	31.4	29.7	28.2
87.5°	13.1	12.5	12.3	11.7	11.1	10.8	10.3	10.0	9.4	8.6	7.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367052
 CATALOG NUMBER: MSA-SA1D-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: P367052
 CATALOG NUMBER: MSA-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6
2.5°	646.6	657.5	657.8	657.8	662.9	667.7	657.8	647.8	637.5	627.5	617.6
5°	689.1	693.4	692.3	690.8	684.6	678.3	671.7	665.2	658.6	652.1	652.3
7.5°	590.5	601.0	609.6	617.8	609.9	601.9	597.6	593.3	589.0	584.8	584.2
10°	470.4	473.3	476.7	479.8	475.0	469.9	478.4	487.0	495.2	503.8	494.4
12.5°	437.1	439.6	433.7	427.4	425.4	423.4	421.4	419.1	417.1	414.8	413.7
15°	377.2	372.6	368.1	363.2	362.1	360.7	359.2	357.5	356.1	354.4	349.3
17.5°	326.2	321.6	313.9	305.9	302.8	299.4	298.5	297.7	296.5	295.7	290.8
20°	281.4	278.3	276.3	274.0	270.9	267.7	264.6	261.5	258.0	254.9	250.3
22.5°	269.7	266.3	263.7	260.9	260.3	259.7	254.0	248.0	242.3	236.4	233.8
25°	330.4	331.3	315.6	299.7	298.2	296.8	286.5	276.0	265.7	255.2	246.3
27.5°	357.0	357.8	357.2	356.7	352.1	347.3	329.9	312.2	294.8	277.1	264.6
30°	320.2	331.3	335.6	339.9	336.7	333.3	315.1	297.1	278.8	260.6	252.3
32.5°	232.1	236.1	243.2	250.0	253.8	257.2	251.5	245.8	240.1	234.4	232.9
35°	216.4	219.5	221.0	222.4	220.1	217.8	213.6	209.3	204.7	200.4	199.6
37.5°	220.7	223.2	226.1	228.9	222.7	216.1	211.3	206.7	201.9	197.0	193.0
40°	224.7	228.1	229.8	231.5	225.2	219.0	213.0	207.3	201.3	195.3	191.3
42.5°	225.2	227.2	230.4	233.5	224.7	215.5	210.1	204.4	199.0	193.3	189.3
45°	222.7	223.8	226.7	229.5	219.3	208.7	203.9	198.7	193.9	188.7	185.3
47.5°	219.0	219.5	221.8	223.8	213.0	201.9	197.3	192.7	187.9	183.3	179.9
50°	213.8	213.6	215.3	216.7	205.6	194.4	189.9	185.6	181.0	176.5	173.6
52.5°	207.3	206.7	208.4	209.8	198.2	186.5	182.5	178.8	174.8	170.8	168.5
55°	199.9	199.0	200.4	201.9	190.5	178.8	175.3	171.6	168.2	164.5	162.5
57.5°	197.0	195.0	195.9	196.7	183.9	171.1	167.6	164.2	160.8	157.4	156.0
60°	192.5	190.5	191.3	191.9	178.2	164.2	161.1	157.7	154.5	151.1	149.7
62.5°	179.3	177.9	179.1	180.2	167.9	155.4	152.5	150.0	147.1	144.3	142.3
65°	160.5	159.4	161.7	163.9	153.4	142.8	141.1	139.4	137.4	135.7	133.7
67.5°	144.0	142.8	145.1	147.4	139.7	132.0	130.3	128.6	126.9	125.2	124.0
70°	130.0	129.2	131.2	133.1	126.6	120.0	118.3	116.9	115.2	113.5	112.6
72.5°	114.3	113.2	115.8	118.0	112.6	106.9	105.5	103.8	102.4	100.6	100.1
75°	97.5	96.4	98.6	100.6	96.9	92.9	91.5	90.1	88.7	87.2	87.0
77.5°	80.4	79.0	81.3	83.3	81.0	78.4	77.3	75.8	74.7	73.3	73.3
80°	62.7	61.0	62.7	64.2	63.3	62.4	61.6	60.4	59.6	58.4	58.7
82.5°	44.5	42.8	43.6	44.5	45.0	45.6	45.6	45.6	45.6	45.6	45.6
85°	26.5	24.8	25.1	25.4	26.2	27.1	27.4	27.7	27.9	28.2	28.5
87.5°	6.8	6.0	5.4	4.6	5.4	6.0	6.6	6.8	7.4	7.7	7.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367052
 CATALOG NUMBER: MSA-SA1D-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: P367052
 CATALOG NUMBER: MSA-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6
2.5°	607.6	597.3	587.3	593.6	599.6	605.9	611.9	612.1	612.1	612.4	612.4
5°	652.9	653.2	653.5	647.5	641.8	635.8	629.8	626.7	623.5	620.1	617.0
7.5°	583.3	582.8	581.9	576.2	570.5	564.8	559.1	545.4	531.5	517.8	503.8
10°	484.7	475.3	465.6	463.3	461.3	459.0	456.8	453.0	449.6	445.9	442.2
12.5°	412.6	411.4	410.3	404.3	398.3	392.0	386.0	386.0	386.0	386.0	386.0
15°	343.8	338.7	333.3	330.4	327.3	324.5	321.3	319.9	318.5	317.0	315.6
17.5°	285.7	280.8	275.7	275.1	274.6	274.0	273.4	272.0	270.6	269.1	267.7
20°	245.8	241.2	236.6	238.4	240.1	241.5	243.2	241.8	240.4	238.6	237.2
22.5°	230.9	228.4	225.5	224.1	222.7	221.0	219.5	219.5	219.8	219.8	219.8
25°	237.8	228.9	220.1	215.8	211.6	207.0	202.7	201.0	199.6	197.9	196.2
27.5°	252.0	239.2	226.7	219.3	211.8	204.4	197.0	193.9	190.5	187.3	183.9
30°	243.8	235.5	227.0	218.4	209.8	201.3	192.7	188.7	184.8	180.5	176.5
32.5°	231.5	229.8	228.4	220.4	212.4	204.1	196.2	194.4	193.0	191.3	189.6
35°	198.4	197.6	196.4	194.4	192.5	190.5	188.5	186.2	183.9	181.6	179.3
37.5°	189.3	185.3	181.3	180.5	179.6	178.8	177.9	177.1	176.2	175.1	174.2
40°	187.3	183.3	179.3	177.9	176.5	174.8	173.3	173.6	174.2	174.5	174.8
42.5°	185.0	181.0	176.8	175.6	174.5	173.3	172.2	172.5	173.1	173.3	173.6
45°	182.2	178.8	175.3	173.3	171.6	169.6	167.6	169.4	171.1	172.5	174.2
47.5°	176.5	172.8	169.4	168.2	167.1	165.7	164.5	166.2	167.9	169.4	171.1
50°	170.5	167.6	164.5	164.2	163.9	163.4	163.1	164.2	165.4	166.5	167.6
52.5°	165.9	163.7	161.1	161.1	160.8	160.8	160.5	161.7	162.8	163.7	164.8
55°	160.8	158.8	156.8	157.1	157.7	158.0	158.2	159.4	160.8	161.9	163.1
57.5°	154.2	152.8	151.1	152.3	153.1	154.2	155.1	156.0	157.1	158.0	158.8
60°	148.0	146.5	144.8	146.0	147.4	148.5	149.7	150.5	151.4	152.3	153.1
62.5°	140.3	138.0	136.0	137.7	139.1	140.8	142.3	142.8	143.7	144.3	144.8
65°	132.0	130.0	128.0	129.2	130.3	131.2	132.3	133.1	134.0	134.9	135.7
67.5°	122.6	121.5	120.0	120.9	121.7	122.6	123.5	123.7	123.7	124.0	124.0
70°	111.5	110.6	109.5	110.1	110.9	111.5	112.1	112.1	112.1	111.8	111.8
72.5°	99.8	99.2	98.6	98.9	99.5	99.8	100.1	99.8	99.5	99.2	98.9
75°	86.7	86.4	86.1	86.4	87.0	87.2	87.5	87.2	86.7	86.4	85.8
77.5°	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.3	72.7	72.1	71.6
80°	59.0	59.3	59.6	59.6	59.6	59.6	59.6	59.0	58.4	57.6	57.0
82.5°	45.6	45.6	45.6	45.6	45.9	45.9	45.9	44.5	43.3	41.9	40.5
85°	28.5	28.8	28.8	29.1	29.4	29.4	29.7	27.7	25.9	23.9	22.0
87.5°	7.7	7.7	7.7	7.7	7.7	7.4	7.4	5.7	3.7	2.0	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: P367052
 CATALOG NUMBER: MSA-SA1D-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: P367052
 CATALOG NUMBER: MSA-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6
2.5°	614.1	615.8	617.3	619.0	619.3	619.6	619.6	619.8	613.9	607.9	601.6
5°	621.3	625.3	629.5	633.5	632.7	631.8	631.0	630.1	628.4	627.0	625.3
7.5°	500.7	497.8	494.7	491.5	494.1	496.7	499.2	501.8	502.9	504.1	504.9
10°	435.1	428.0	420.8	413.7	409.7	405.4	401.4	397.2	396.6	396.3	395.7
12.5°	378.6	370.9	363.5	355.8	353.5	351.0	348.7	346.1	348.4	350.7	352.7
15°	312.5	309.6	306.5	303.4	305.9	308.5	311.1	313.6	315.9	317.9	320.2
17.5°	266.3	265.2	263.7	262.3	264.6	267.2	269.4	271.7	276.8	282.0	287.1
20°	236.1	235.2	234.1	232.9	232.1	230.9	230.1	228.9	236.4	243.5	250.9
22.5°	218.1	216.4	214.7	213.0	213.3	213.6	213.6	213.8	219.8	226.1	232.1
25°	195.6	195.0	194.4	193.9	195.6	197.3	198.7	200.4	205.9	211.3	216.4
27.5°	184.2	184.5	184.8	185.0	187.3	189.9	192.2	194.4	198.2	201.9	205.6
30°	177.9	179.6	181.0	182.5	183.3	184.2	185.0	185.9	189.6	193.0	196.7
32.5°	187.3	185.0	182.5	180.2	181.3	182.8	183.9	185.0	188.5	191.9	195.3
35°	178.5	177.3	176.5	175.3	176.8	178.2	179.3	180.8	183.9	186.8	189.9
37.5°	173.9	173.6	173.3	173.1	173.9	174.8	175.3	176.2	179.1	181.9	184.5
40°	173.6	172.2	171.1	169.6	170.5	171.4	171.9	172.8	176.2	179.6	183.0
42.5°	171.9	170.2	168.2	166.5	167.4	168.5	169.4	170.2	173.9	177.3	181.0
45°	171.6	169.1	166.2	163.7	164.8	165.9	167.1	168.2	171.1	173.9	176.5
47.5°	168.5	165.9	163.4	160.8	161.4	161.9	162.2	162.8	165.4	167.6	170.2
50°	165.9	163.9	162.2	160.2	159.4	158.8	158.0	157.1	159.1	161.1	163.1
52.5°	162.8	160.8	158.5	156.5	155.4	154.2	153.1	152.0	153.7	155.1	156.8
55°	160.8	158.2	156.0	153.4	152.0	150.5	149.1	147.7	148.8	149.7	150.8
57.5°	156.5	154.2	151.7	149.4	147.7	146.0	144.0	142.3	142.8	143.4	144.0
60°	150.8	148.3	146.0	143.4	141.4	139.4	137.1	135.1	135.4	136.0	136.3
62.5°	142.6	140.3	137.7	135.4	133.1	131.2	128.9	126.6	127.2	127.4	128.0
65°	133.4	130.9	128.6	126.0	124.0	122.0	119.7	117.8	118.3	118.9	119.2
67.5°	122.3	120.3	118.6	116.6	114.9	112.9	111.2	109.2	109.5	109.8	110.1
70°	110.3	108.6	107.2	105.5	104.1	102.6	101.2	99.8	99.8	100.1	100.1
72.5°	97.5	96.1	94.7	93.2	91.8	90.7	89.2	87.8	88.4	89.0	89.2
75°	84.4	83.3	81.8	80.4	79.3	78.1	76.7	75.6	76.1	76.7	77.0
77.5°	70.7	69.9	68.7	67.9	66.7	65.6	64.2	63.0	63.6	64.2	64.4
80°	56.5	55.9	55.0	54.5	53.3	52.2	51.0	49.9	50.2	50.2	50.5
82.5°	40.8	41.1	41.1	41.3	40.5	39.3	38.5	37.4	37.4	37.4	37.1
85°	22.8	23.9	24.8	25.7	24.8	23.9	23.1	22.2	22.0	22.0	21.7
87.5°	0.9	1.4	2.3	2.9	2.6	2.3	1.7	1.4	1.7	2.0	2.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367052
 CATALOG NUMBER: MSA-SA1D-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: P367052
 CATALOG NUMBER: MSA-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6
2.5°	595.6	600.5	605.3	610.1	615.0	622.4	629.8	637.5	645.2	640.9	636.4
5°	623.5	626.4	629.5	632.4	635.2	643.5	651.5	661.5	671.2	670.0	668.6
7.5°	506.1	510.1	514.1	517.8	521.8	534.3	546.8	557.4	567.9	566.5	564.8
10°	395.2	403.4	412.0	420.3	428.5	438.8	448.8	457.6	466.4	481.3	495.8
12.5°	355.0	367.8	380.6	393.5	406.3	413.7	420.8	432.2	443.6	451.6	459.9
15°	322.2	334.2	346.1	358.1	370.1	370.6	371.2	383.2	395.2	402.0	408.6
17.5°	292.2	298.8	305.4	311.6	318.2	315.9	313.6	319.3	324.7	327.6	330.7
20°	258.0	262.6	267.2	271.7	276.3	279.4	282.3	285.7	288.8	286.0	282.8
22.5°	238.1	244.9	252.0	258.9	265.7	267.7	269.4	267.4	265.4	264.6	263.7
25°	221.8	230.1	238.6	246.9	255.2	259.2	263.2	264.9	266.3	263.2	260.0
27.5°	209.3	219.3	228.9	238.9	248.6	255.7	262.9	264.9	266.6	264.3	261.7
30°	200.2	211.0	221.8	232.7	243.5	254.3	264.9	274.3	283.4	282.5	281.7
32.5°	198.7	206.1	213.6	221.0	228.4	235.2	241.8	242.3	242.6	240.4	237.8
35°	192.7	197.6	202.4	207.3	212.1	216.4	220.4	219.8	219.3	217.0	214.7
37.5°	187.3	192.2	197.3	202.1	207.0	214.4	221.5	220.1	218.4	216.1	213.8
40°	186.5	191.9	197.3	202.4	207.8	214.7	221.5	220.1	218.7	215.8	213.0
42.5°	184.5	189.9	195.0	200.4	205.6	213.8	221.8	219.3	216.4	214.1	211.8
45°	179.3	184.2	189.0	193.9	198.7	207.6	216.4	213.3	210.1	209.3	208.1
47.5°	172.5	177.3	182.2	187.0	191.9	200.7	209.3	206.7	203.9	203.6	203.0
50°	165.1	169.6	174.5	179.1	183.6	192.5	201.0	198.7	196.4	196.7	196.7
52.5°	158.2	162.5	166.5	170.8	174.8	183.6	192.2	190.5	188.5	189.0	189.3
55°	151.7	155.1	158.5	161.9	165.4	173.9	182.5	179.9	177.3	178.2	179.1
57.5°	144.6	147.4	150.3	152.8	155.7	164.2	172.5	169.6	166.5	167.9	169.1
60°	136.6	139.1	141.7	144.0	146.5	154.2	161.7	159.1	156.2	158.2	159.9
62.5°	128.3	130.3	132.3	134.3	136.3	143.4	150.5	148.5	146.5	148.8	150.8
65°	119.7	121.2	122.9	124.3	125.7	132.6	139.1	137.7	136.3	138.3	140.3
67.5°	110.3	111.5	112.9	114.0	115.2	121.5	127.7	126.3	124.6	126.3	127.7
70°	100.1	101.2	102.1	103.2	104.1	109.8	115.5	113.5	111.2	112.9	114.3
72.5°	89.8	90.4	91.2	91.8	92.4	96.7	100.9	99.2	97.5	99.2	100.6
75°	77.6	78.1	78.7	79.3	79.8	83.5	87.0	85.0	82.7	84.4	86.1
77.5°	65.0	65.3	65.9	66.1	66.4	69.0	71.3	69.3	67.0	69.0	71.0
80°	50.5	50.8	51.0	51.0	51.3	52.2	53.0	51.6	49.9	52.5	55.0
82.5°	37.1	36.8	36.8	36.5	36.2	36.2	35.9	35.1	33.9	36.2	38.5
85°	21.4	21.1	20.5	20.2	19.7	18.8	18.0	17.7	17.4	19.4	21.4
87.5°	2.3	2.0	1.4	1.1	0.6	0.3	0.0	0.0	0.0	1.1	2.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367052
 CATALOG NUMBER: MSA-SA1D-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: P367052
 CATALOG NUMBER: MSA-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6
2.5°	632.1	627.5	623.3	619.0	614.7	610.4	618.4	626.4	634.4	642.4	649.5
5°	667.5	666.0	662.3	658.9	655.2	651.5	653.5	655.8	657.8	659.8	664.0
7.5°	563.4	561.7	569.7	577.4	585.3	593.0	595.0	596.7	598.7	600.5	599.3
10°	510.6	525.2	528.9	532.3	536.0	539.4	545.1	550.8	556.3	562.0	565.1
12.5°	467.9	475.9	489.0	502.4	515.5	528.6	537.2	545.7	554.3	562.8	580.5
15°	415.4	422.0	431.9	441.9	451.9	461.9	474.1	486.7	499.0	511.2	530.6
17.5°	333.6	336.4	343.8	351.3	358.4	365.8	382.3	398.6	415.1	431.4	453.6
20°	280.0	276.8	276.8	277.1	277.1	277.1	293.7	309.9	326.5	342.7	372.1
22.5°	262.6	261.7	258.6	255.2	252.0	248.6	257.2	266.0	274.6	283.1	307.1
25°	256.6	253.5	249.5	245.5	241.5	237.5	242.9	248.3	253.8	259.2	278.0
27.5°	259.5	256.9	258.9	260.6	262.6	264.3	266.0	267.7	269.4	271.1	277.7
30°	280.8	280.0	283.1	286.0	289.1	292.0	288.0	284.3	280.3	276.3	278.6
32.5°	235.5	232.9	231.8	230.7	229.5	228.4	228.1	227.8	227.2	227.0	232.1
35°	212.4	210.1	208.4	206.7	204.7	203.0	203.9	204.4	205.3	205.9	211.6
37.5°	211.6	209.3	207.3	205.3	203.0	201.0	201.9	203.0	203.9	204.7	209.0
40°	210.1	207.3	206.1	205.0	203.9	202.7	203.3	203.9	204.1	204.7	207.8
42.5°	209.3	207.0	206.4	205.9	205.3	204.7	205.3	205.9	206.1	206.7	210.4
45°	207.3	206.1	206.7	207.3	207.8	208.4	208.4	208.4	208.4	208.4	212.4
47.5°	202.7	202.1	203.9	205.6	207.3	209.0	211.8	214.7	217.3	220.1	221.0
50°	197.0	197.0	199.9	202.7	205.3	208.1	215.0	221.5	228.4	234.9	230.7
52.5°	189.9	190.2	194.4	198.4	202.7	206.7	213.0	219.3	225.2	231.5	225.2
55°	179.6	180.5	185.9	191.0	196.4	201.6	206.4	211.3	216.1	221.0	214.4
57.5°	170.5	171.6	177.3	182.8	188.5	193.9	196.7	199.9	202.7	205.6	201.3
60°	161.9	163.7	171.1	178.5	185.6	193.0	190.7	188.5	185.9	183.6	183.3
62.5°	153.1	155.1	161.9	168.8	175.3	182.2	178.8	175.3	171.6	168.2	169.6
65°	142.0	144.0	147.1	150.3	153.1	156.2	156.0	156.0	155.7	155.4	158.2
67.5°	129.4	130.9	132.9	134.6	136.6	138.3	139.4	140.8	142.0	143.1	146.5
70°	116.0	117.5	119.5	121.2	123.2	124.9	126.3	127.7	128.9	130.3	133.7
72.5°	102.4	103.8	105.8	107.8	109.5	111.5	112.6	113.8	114.6	115.8	118.6
75°	87.8	89.5	91.5	93.2	95.2	96.9	97.8	98.6	99.5	100.4	102.9
77.5°	73.0	75.0	77.0	79.0	81.0	83.0	83.3	83.5	83.8	84.1	86.4
80°	57.3	59.9	61.9	63.9	65.9	67.9	67.9	67.9	67.9	67.9	69.0
82.5°	40.8	43.1	45.3	47.3	49.6	51.6	51.6	51.3	51.3	51.0	51.0
85°	23.4	25.4	26.8	28.5	29.9	31.4	31.4	31.4	31.1	31.1	30.5
87.5°	3.7	4.8	5.4	6.3	6.8	7.4	7.1	7.1	6.8	6.6	5.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367052
 CATALOG NUMBER: MSA-SA1D-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: P367052
 CATALOG NUMBER: MSA-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6
2.5°	656.6	663.7	670.9	669.7	668.6	667.5	666.3	670.6	674.6	678.9	682.8
5°	668.0	672.3	676.3	679.4	682.6	685.7	688.8	703.4	717.6	732.2	746.4
7.5°	598.2	596.7	595.6	609.0	622.7	636.1	649.5	668.0	686.6	705.1	723.6
10°	568.2	571.4	574.5	579.9	585.6	591.0	596.5	614.7	633.0	651.2	669.4
12.5°	597.9	615.6	633.0	637.2	641.8	646.1	650.3	654.1	657.8	661.2	664.9
15°	550.0	569.4	588.8	599.9	611.0	621.8	633.0	660.9	688.6	716.5	744.1
17.5°	475.6	497.8	519.8	547.1	574.5	601.9	629.2	654.9	680.6	705.9	731.6
20°	401.4	430.5	459.9	489.8	519.5	549.4	579.1	604.2	629.2	654.1	679.1
22.5°	330.7	354.7	378.3	414.8	451.1	487.5	523.8	570.5	617.0	663.7	710.2
25°	296.5	315.3	333.9	371.5	409.1	446.5	484.1	544.9	605.3	666.0	726.5
27.5°	284.5	291.1	297.7	331.9	365.8	400.0	433.9	499.5	565.1	630.4	696.0
30°	280.8	283.1	285.4	312.2	339.0	365.8	392.6	457.3	522.3	587.1	651.8
32.5°	236.9	242.1	246.9	273.1	299.1	325.3	351.3	416.6	481.6	546.8	611.9
35°	217.3	223.0	228.7	254.3	280.0	305.4	331.0	399.7	468.7	537.4	606.2
37.5°	213.3	217.5	221.8	250.9	280.0	309.1	338.1	407.7	477.3	546.8	616.4
40°	211.3	214.4	217.5	245.8	274.3	302.5	330.7	403.7	476.4	549.4	622.1
42.5°	213.8	217.5	221.0	246.6	272.0	297.7	323.0	398.6	473.9	549.4	624.7
45°	216.1	220.1	223.8	247.8	271.7	295.7	319.6	400.3	480.7	561.4	641.8
47.5°	221.5	222.4	223.0	243.8	264.3	285.1	305.6	387.8	469.9	551.7	633.8
50°	226.1	221.8	217.3	238.9	260.3	282.0	303.4	381.2	459.0	536.6	614.4
52.5°	219.0	212.4	206.1	229.5	252.9	276.0	299.4	377.2	455.3	533.2	611.0
55°	208.1	201.6	195.0	218.7	242.3	266.0	289.7	367.2	445.1	522.6	600.2
57.5°	197.3	193.0	188.7	208.1	227.8	247.2	266.6	350.7	434.5	518.6	602.4
60°	183.0	182.5	182.2	197.3	212.7	227.8	242.9	325.3	407.4	489.8	571.9
62.5°	170.8	172.2	173.3	185.6	197.9	209.8	222.1	301.7	381.5	461.0	540.6
65°	161.4	164.2	167.1	181.0	195.0	208.7	222.7	289.4	356.1	422.8	489.5
67.5°	150.0	153.4	156.8	175.1	193.3	211.6	229.8	284.8	339.9	394.9	449.9
70°	136.9	140.3	143.4	166.8	189.9	213.3	236.4	285.1	334.2	382.9	431.7
72.5°	121.5	124.3	127.2	152.3	177.3	202.4	227.5	268.9	310.2	351.3	392.6
75°	105.8	108.3	110.9	132.6	154.2	175.9	197.6	229.5	261.2	293.1	324.7
77.5°	88.4	90.7	92.7	107.2	121.7	136.3	150.8	175.3	199.6	224.1	248.3
80°	70.1	71.3	72.4	81.0	89.2	97.8	106.1	122.3	138.6	154.5	170.8
82.5°	51.3	51.3	51.3	56.7	62.4	67.9	73.3	81.5	89.5	97.8	105.8
85°	29.9	29.1	28.5	32.2	35.9	39.6	43.3	46.8	50.2	53.6	57.0
87.5°	4.8	3.7	2.9	5.1	7.4	9.7	12.0	13.1	14.5	15.7	16.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367052
 CATALOG NUMBER: MSA-SA1D-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: P367052

CATALOG NUMBER: MSA-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6
2.5°	673.2	663.7	654.1	644.4	658.6	672.9	687.1	701.4	739.3	761.8	763.3
5°	758.4	770.4	782.4	794.3	806.3	818.3	830.0	841.9	903.5	941.4	948.6
7.5°	743.3	763.3	782.9	802.6	836.5	870.5	904.4	938.3	990.5	1028.1	1052.9
10°	694.0	718.5	743.0	767.5	807.7	848.2	888.4	928.6	983.9	1033.5	1057.2
12.5°	703.9	743.0	781.8	820.8	855.6	890.7	925.5	960.3	998.5	1017.3	1060.3
15°	771.2	798.3	825.4	852.5	905.0	957.1	1009.6	1061.8	1083.4	1126.5	1165.3
17.5°	781.5	831.1	881.0	930.6	994.8	1058.9	1123.1	1187.2	1227.4	1283.0	1329.8
20°	749.6	819.7	890.1	960.3	1042.9	1125.9	1208.6	1291.3	1342.3	1389.1	1461.5
22.5°	787.8	865.3	942.6	1020.1	1129.9	1239.4	1349.2	1458.6	1565.3	1669.6	1718.7
25°	830.0	933.8	1037.2	1140.7	1277.9	1414.7	1551.9	1688.7	1825.9	1923.7	1980.1
27.5°	800.3	904.4	1008.7	1112.8	1282.4	1452.4	1622.0	1791.7	1938.5	2056.2	2104.7
30°	779.5	907.2	1035.0	1162.7	1361.7	1560.7	1759.7	1958.7	2094.5	2225.9	2297.2
32.5°	775.8	939.7	1103.4	1267.3	1499.1	1730.6	1962.4	2194.0	2284.1	2400.7	2496.7
35°	786.1	966.3	1146.2	1326.1	1591.8	1857.5	2123.0	2388.7	2516.7	2632.2	2716.3
37.5°	817.4	1018.4	1219.1	1420.2	1740.3	2060.8	2381.0	2701.2	2915.9	3127.1	3164.8
40°	835.1	1048.4	1261.3	1474.3	1846.7	2219.0	2591.4	2963.8	3210.7	3442.5	3458.2
42.5°	855.9	1087.1	1318.1	1549.3	1962.2	2375.3	2788.1	3201.0	3506.6	3755.8	3763.2
45°	879.9	1117.6	1355.7	1593.5	2024.6	2455.4	2886.5	3317.3	3686.8	3989.6	3915.8
47.5°	889.3	1145.0	1400.5	1655.9	2115.5	2574.9	3034.5	3493.8	3825.4	4100.8	4030.1
50°	893.0	1171.8	1450.4	1728.9	2205.1	2681.5	3157.6	3633.8	3971.1	4239.7	4131.3
52.5°	916.1	1221.1	1526.2	1831.3	2327.4	2823.5	3319.6	3815.7	4147.6	4405.6	4271.0
55°	947.2	1294.1	1640.8	1987.8	2501.3	3014.5	3528.0	4041.2	4374.2	4614.3	4447.5
57.5°	975.9	1349.7	1723.2	2096.7	2628.8	3161.1	3693.1	4225.1	4562.4	4799.9	4638.2
60°	962.0	1352.0	1742.0	2132.1	2655.0	3177.6	3700.5	4223.1	4606.0	4890.9	4808.2
62.5°	919.8	1299.0	1677.9	2057.1	2553.5	3049.6	3546.0	4042.1	4490.3	4855.5	4851.8
65°	838.5	1187.5	1536.2	1885.2	2344.5	2804.1	3263.4	3722.7	4251.1	4694.7	4723.5
67.5°	739.6	1029.3	1318.9	1608.6	2041.1	2473.7	2906.2	3338.7	3903.5	4393.0	4417.8
70°	643.8	856.2	1068.3	1280.4	1660.2	2040.0	2419.5	2799.3	3369.8	3865.0	3887.8
72.5°	531.5	670.3	808.9	947.7	1255.4	1563.0	1870.4	2178.0	2678.9	3059.8	3188.4
75°	407.1	489.5	571.9	654.3	903.2	1152.1	1400.8	1649.7	1982.7	2263.8	2408.6
77.5°	291.1	333.9	376.6	419.4	631.0	842.5	1053.8	1265.3	1440.4	1599.8	1697.6
80°	191.0	211.0	231.2	251.2	427.1	603.0	778.6	954.6	1061.2	1146.7	1196.1
82.5°	115.8	125.7	135.4	145.4	288.0	430.5	572.8	715.4	776.4	817.1	861.0
85°	62.4	67.9	73.3	78.7	170.2	261.5	353.0	444.2	450.2	455.0	520.3
87.5°	18.2	20.0	21.4	22.8	37.6	52.7	67.6	82.4	51.3	31.9	65.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367052
 CATALOG NUMBER: MSA-SA1D-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: P367052

CATALOG NUMBER: MSA-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6
2.5°	755.0	751.3	747.6	743.6	739.9	724.2	708.8	693.1	677.4	692.5	707.4
5°	940.3	951.7	962.8	974.2	985.6	986.5	987.1	987.9	988.5	991.3	994.2
7.5°	1073.7	1094.0	1113.9	1134.2	1154.4	1170.1	1185.8	1201.8	1217.4	1203.2	1188.9
10°	1085.1	1127.9	1170.7	1213.4	1256.2	1263.9	1271.3	1279.0	1286.7	1297.0	1307.0
12.5°	1096.6	1148.7	1200.6	1252.8	1305.0	1327.8	1350.3	1373.1	1395.6	1406.8	1417.6
15°	1217.2	1247.9	1278.5	1309.2	1339.8	1355.4	1370.8	1386.5	1402.2	1411.6	1420.7
17.5°	1372.3	1383.7	1394.8	1406.2	1417.6	1428.1	1438.7	1449.2	1459.8	1461.5	1463.2
20°	1513.7	1516.0	1517.9	1520.2	1522.2	1500.0	1478.0	1455.8	1433.6	1437.5	1441.3
22.5°	1725.8	1713.3	1701.0	1688.4	1676.2	1634.3	1592.6	1550.7	1509.1	1491.1	1473.5
25°	2045.1	2013.2	1981.3	1949.3	1917.4	1850.7	1784.2	1717.5	1651.1	1612.0	1573.3
27.5°	2148.1	2078.5	2009.2	1939.6	1870.1	1819.6	1769.4	1719.0	1668.8	1606.9	1545.0
30°	2356.2	2246.4	2136.9	2027.2	1917.4	1868.6	1819.9	1770.8	1722.1	1658.8	1595.8
32.5°	2540.7	2426.6	2312.6	2198.2	2084.2	1991.8	1899.4	1807.1	1714.7	1671.9	1629.1
35°	2754.2	2610.8	2467.4	2324.0	2180.6	2101.3	2022.3	1943.1	1864.1	1799.4	1734.9
37.5°	3065.3	2912.7	2760.2	2607.4	2454.8	2347.6	2240.7	2133.5	2026.6	1991.0	1955.6
40°	3361.8	3181.6	3001.7	2821.5	2641.6	2559.5	2477.4	2395.0	2312.8	2252.7	2192.5
42.5°	3610.1	3431.9	3254.0	3075.8	2897.9	2838.0	2778.4	2718.6	2659.0	2609.4	2559.8
45°	3695.4	3550.0	3404.8	3259.4	3114.0	3092.9	3072.1	3051.0	3030.2	2993.4	2956.6
47.5°	3832.5	3684.3	3536.3	3388.0	3239.8	3247.5	3255.2	3263.1	3270.8	3272.8	3274.5
50°	3913.2	3772.4	3631.8	3490.9	3350.4	3387.7	3424.8	3462.1	3499.5	3584.2	3668.6
52.5°	4030.9	3892.7	3754.7	3616.4	3478.1	3541.4	3604.4	3667.7	3730.7	3849.3	3967.9
55°	4178.6	4046.3	3914.3	3782.0	3650.0	3711.6	3772.9	3834.5	3895.8	4027.8	4159.8
57.5°	4374.5	4232.8	4091.4	3949.7	3808.3	3865.0	3921.5	3978.2	4034.7	4160.1	4285.6
60°	4597.5	4443.5	4289.5	4135.3	3981.3	3997.0	4012.4	4028.1	4043.5	4179.5	4315.2
62.5°	4707.0	4564.4	4422.1	4279.6	4137.0	4093.4	4049.8	4005.9	3962.2	4084.0	4205.4
65°	4612.0	4513.9	4416.1	4318.1	4220.0	4143.0	4066.3	3989.3	3912.3	3988.5	4064.3
67.5°	4309.8	4254.2	4198.9	4143.3	4087.7	3958.5	3829.4	3699.9	3570.8	3575.9	3580.8
70°	3820.0	3805.1	3790.6	3775.8	3760.9	3566.8	3372.9	3178.7	2984.6	2954.9	2925.3
72.5°	3199.3	3209.0	3218.4	3228.1	3237.8	3029.1	2820.4	2611.6	2402.9	2353.6	2304.3
75°	2477.9	2531.5	2585.1	2639.0	2692.6	2493.0	2293.5	2093.6	1894.0	1833.3	1772.6
77.5°	1750.9	1851.0	1950.8	2050.8	2150.9	1970.4	1790.2	1609.8	1429.3	1389.9	1350.6
80°	1220.9	1269.9	1318.9	1368.0	1417.0	1326.4	1235.7	1145.0	1054.4	1065.2	1075.7
82.5°	889.3	900.7	911.8	923.2	934.6	897.5	860.5	823.1	786.1	814.3	842.5
85°	569.7	610.4	650.9	691.7	732.2	691.1	650.1	608.7	567.7	586.5	605.3
87.5°	127.4	201.6	275.7	350.1	424.3	384.3	344.7	304.8	264.9	246.9	229.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367052
 CATALOG NUMBER: MSA-SA1D-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: P367052

CATALOG NUMBER: MSA-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6
2.5°	722.5	737.6	733.0	728.8	724.2	719.6	727.9	736.2	744.7	753.0	750.1
5°	997.3	1000.2	973.1	946.3	919.2	892.1	908.9	925.8	942.6	959.4	953.4
7.5°	1174.7	1160.4	1144.7	1129.1	1113.1	1097.4	1094.0	1090.6	1086.9	1083.4	1078.9
10°	1317.2	1327.2	1316.9	1307.0	1296.7	1286.4	1262.5	1238.5	1214.3	1190.4	1180.4
12.5°	1428.7	1439.8	1442.4	1444.7	1447.2	1449.8	1423.0	1396.5	1369.7	1342.9	1318.7
15°	1430.1	1439.5	1447.8	1455.8	1464.1	1472.0	1455.5	1439.3	1422.7	1406.2	1398.5
17.5°	1465.2	1466.9	1460.1	1453.5	1446.7	1440.1	1433.6	1427.3	1420.7	1414.5	1402.2
20°	1445.2	1449.2	1448.4	1447.5	1446.4	1445.5	1446.1	1446.4	1447.0	1447.2	1440.4
22.5°	1455.5	1437.5	1441.3	1444.7	1448.4	1451.8	1462.1	1472.3	1482.9	1493.1	1520.5
25°	1534.2	1495.1	1489.2	1483.5	1477.5	1471.8	1498.6	1525.1	1551.9	1578.7	1623.2
27.5°	1482.9	1421.0	1407.3	1393.6	1380.0	1366.3	1407.0	1447.5	1488.3	1529.1	1574.4
30°	1532.5	1469.5	1439.3	1409.0	1378.5	1348.3	1387.4	1426.1	1465.2	1504.0	1554.2
32.5°	1586.4	1543.6	1523.4	1503.4	1483.2	1463.2	1466.3	1469.5	1472.6	1475.8	1546.5
35°	1670.2	1605.5	1585.5	1565.6	1545.6	1525.6	1559.0	1592.1	1625.4	1658.5	1718.4
37.5°	1920.0	1884.3	1848.4	1812.5	1776.3	1740.3	1760.0	1779.7	1799.4	1819.0	1875.5
40°	2132.4	2072.2	2066.2	2060.5	2054.5	2048.5	2050.3	2051.7	2053.4	2055.1	2103.3
42.5°	2509.9	2460.3	2429.7	2399.2	2368.7	2338.2	2336.2	2334.2	2332.0	2330.0	2366.2
45°	2919.6	2882.8	2860.0	2837.2	2814.1	2791.3	2755.1	2718.9	2682.4	2646.1	2677.8
47.5°	3276.5	3278.5	3319.9	3360.9	3402.3	3443.6	3381.7	3319.9	3258.0	3196.1	3155.4
50°	3753.2	3837.6	3847.6	3857.3	3867.3	3877.3	3772.4	3667.7	3562.8	3457.9	3415.1
52.5°	4086.8	4205.4	4190.0	4174.9	4159.5	4144.1	4083.4	4023.0	3962.2	3901.5	3808.3
55°	4292.1	4424.1	4412.4	4401.0	4389.3	4377.6	4333.5	4289.3	4245.1	4200.9	4098.5
57.5°	4411.0	4536.5	4539.9	4543.3	4546.7	4550.1	4538.5	4526.8	4515.1	4503.4	4370.2
60°	4451.2	4587.2	4588.6	4589.8	4591.2	4592.3	4573.8	4555.3	4536.5	4517.9	4431.0
62.5°	4327.2	4448.6	4454.1	4459.2	4464.6	4470.0	4457.2	4444.4	4431.5	4418.7	4354.3
65°	4140.4	4216.6	4218.0	4219.1	4220.6	4222.0	4189.5	4157.3	4124.8	4092.2	4076.9
67.5°	3585.9	3591.0	3621.2	3651.5	3681.7	3711.9	3714.5	3717.0	3719.9	3722.5	3700.2
70°	2895.6	2866.0	2898.8	2931.5	2964.3	2997.1	3011.1	3025.1	3039.3	3053.3	3063.6
72.5°	2254.7	2205.4	2229.6	2253.8	2278.4	2302.6	2281.8	2261.0	2240.1	2219.3	2285.2
75°	1711.8	1651.1	1648.0	1645.1	1642.0	1639.1	1628.6	1618.0	1607.2	1596.6	1658.2
77.5°	1311.0	1271.6	1273.6	1275.3	1277.3	1279.0	1268.2	1257.6	1246.8	1236.0	1259.6
80°	1086.6	1097.1	1097.4	1097.7	1098.0	1098.3	1088.0	1078.0	1067.8	1057.5	1040.4
82.5°	871.0	899.3	899.0	899.0	898.7	898.4	897.8	897.3	896.4	895.8	867.9
85°	624.1	642.9	623.5	604.2	584.8	565.4	579.6	593.9	608.4	622.7	611.0
87.5°	211.3	193.6	170.5	147.7	124.6	101.5	126.3	151.1	176.2	201.0	215.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367052
 CATALOG NUMBER: MSA-SA1D-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: P367052

CATALOG NUMBER: MSA-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6	619.6
2.5°	747.6	744.7	742.2	724.2	705.9	688.0	669.7	702.8	736.2	769.2	802.3
5°	947.7	941.7	936.0	934.6	933.2	931.5	930.0	946.9	963.7	980.2	997.0
7.5°	1074.3	1069.7	1065.2	1053.2	1041.5	1029.5	1017.6	1027.8	1037.8	1048.1	1058.1
10°	1170.7	1160.7	1150.7	1124.8	1099.1	1073.2	1047.2	1039.5	1031.8	1024.1	1016.4
12.5°	1294.4	1269.9	1245.7	1216.3	1186.6	1157.3	1127.6	1123.6	1119.6	1115.9	1111.9
15°	1391.1	1383.4	1375.7	1352.3	1328.9	1305.5	1282.2	1250.8	1219.1	1187.8	1156.4
17.5°	1390.2	1378.0	1366.0	1397.3	1428.4	1459.8	1490.9	1457.5	1423.9	1390.5	1357.1
20°	1433.6	1426.4	1419.6	1477.5	1535.1	1592.9	1650.5	1632.3	1613.7	1595.5	1577.0
22.5°	1547.6	1575.0	1602.1	1651.7	1701.0	1750.6	1799.9	1820.7	1841.6	1862.4	1883.2
25°	1667.3	1711.8	1756.3	1830.2	1903.7	1977.6	2051.4	2066.2	2081.1	2095.9	2110.7
27.5°	1619.5	1664.8	1710.1	1766.0	1821.6	1877.5	1933.1	1998.1	2063.4	2128.4	2193.4
30°	1604.1	1654.2	1704.1	1780.8	1857.2	1933.9	2010.6	2100.2	2189.7	2278.9	2368.4
32.5°	1616.9	1687.6	1758.3	1862.1	1965.6	2069.4	2173.1	2267.2	2361.6	2455.7	2549.8
35°	1778.0	1837.8	1897.4	2013.5	2129.5	2245.6	2361.6	2471.9	2582.3	2692.3	2802.7
37.5°	1931.7	1988.1	2044.6	2163.2	2281.5	2400.1	2518.7	2692.9	2867.4	3041.6	3215.8
40°	2151.2	2199.4	2247.3	2348.8	2450.3	2551.8	2653.3	2863.4	3073.5	3283.7	3493.8
42.5°	2402.1	2438.3	2474.2	2579.4	2684.6	2789.8	2895.1	3123.7	3352.7	3581.3	3810.0
45°	2709.2	2740.8	2772.5	2844.9	2917.3	2990.0	3062.4	3298.2	3534.0	3769.8	4005.6
47.5°	3114.6	3073.8	3033.0	3068.7	3104.3	3140.0	3175.6	3408.8	3642.1	3875.0	4108.2
50°	3372.3	3329.6	3286.8	3289.9	3292.8	3295.9	3299.1	3516.6	3734.1	3951.4	4168.9
52.5°	3715.0	3621.5	3528.3	3527.4	3526.6	3525.4	3524.6	3714.2	3904.1	4093.7	4283.3
55°	3996.2	3893.8	3791.5	3771.5	3751.5	3731.3	3711.3	3898.9	4086.3	4273.9	4461.2
57.5°	4237.1	4103.7	3970.5	3939.1	3907.8	3876.4	3845.1	4047.2	4249.6	4451.8	4653.9
60°	4344.3	4257.3	4170.7	4132.2	4093.7	4055.2	4016.7	4188.9	4361.1	4533.0	4705.2
62.5°	4290.1	4225.7	4161.5	4170.4	4179.2	4188.0	4196.9	4295.3	4393.9	4492.3	4590.6
65°	4061.7	4046.3	4031.2	4102.5	4173.8	4245.1	4316.3	4317.8	4319.2	4320.6	4322.1
67.5°	3678.0	3655.7	3633.5	3781.8	3929.7	4078.0	4226.3	4155.8	4085.4	4015.3	3944.8
70°	3073.5	3083.8	3093.8	3295.6	3497.2	3699.1	3900.9	3798.9	3696.5	3594.4	3492.1
72.5°	2351.1	2417.2	2483.1	2692.3	2901.6	3110.9	3320.2	3203.5	3086.6	2970.0	2853.1
75°	1719.8	1781.4	1843.0	2049.7	2256.4	2463.4	2670.1	2531.5	2393.0	2254.7	2116.1
77.5°	1283.3	1307.3	1330.9	1502.8	1674.5	1846.4	2018.0	1878.9	1739.8	1600.9	1461.8
80°	1023.6	1006.5	989.6	1084.9	1180.1	1275.3	1370.5	1271.9	1173.0	1074.3	975.7
82.5°	840.2	812.3	784.6	820.0	855.3	891.0	926.3	847.4	768.4	689.4	610.4
85°	599.3	587.6	575.9	586.2	596.2	606.4	616.7	539.7	462.7	386.0	309.1
87.5°	229.2	243.5	257.7	274.0	290.0	306.2	322.2	252.3	182.5	112.9	43.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	619.6	619.6
2.5°	816.0	829.7
5°	996.8	996.5
7.5°	1053.5	1048.7
10°	1003.9	991.3
12.5°	1074.9	1037.5
15°	1119.4	1082.0
17.5°	1301.0	1244.5
20°	1510.0	1442.7
22.5°	1780.8	1678.5
25°	1988.4	1865.8
27.5°	2120.7	2047.7
30°	2284.9	2201.4
32.5°	2488.2	2426.3
35°	2746.2	2689.5
37.5°	3198.1	3180.2
40°	3472.4	3450.7
42.5°	3810.8	3811.4
45°	4018.4	4031.2
47.5°	4140.7	4172.9
50°	4238.2	4307.2
52.5°	4377.6	4472.0
55°	4586.6	4711.8
57.5°	4760.6	4867.2
60°	4760.6	4815.6
62.5°	4589.2	4587.5
65°	4295.5	4268.7
67.5°	3911.2	3877.6
70°	3439.6	3386.9
72.5°	2787.8	2722.3
75°	2026.3	1936.2
77.5°	1419.0	1376.0
80°	996.5	1017.3
82.5°	640.1	669.7
85°	304.5	299.9
87.5°	35.9	28.8
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: P367052
CATALOG NUMBER: MSA-SA1D-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)