

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: P368394

Luminaire Tested: **MSA-SA4B-750-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P368394
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-SA4B-750-U-SLR
Description: MESA POST TOP DECORATIVE LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS
EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16644 lumens
Efficiency: N/A
Efficacy: 97.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 171
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



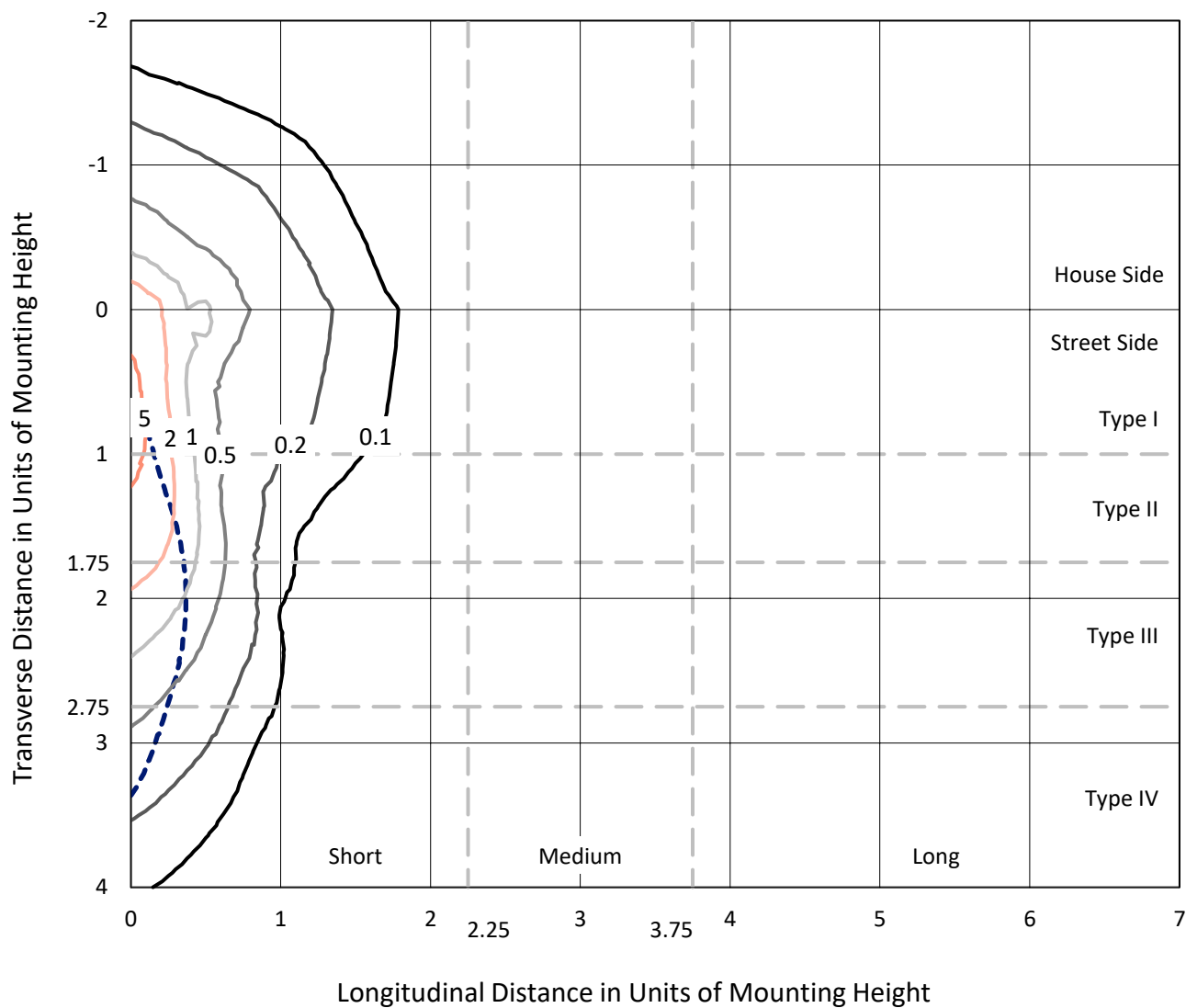
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



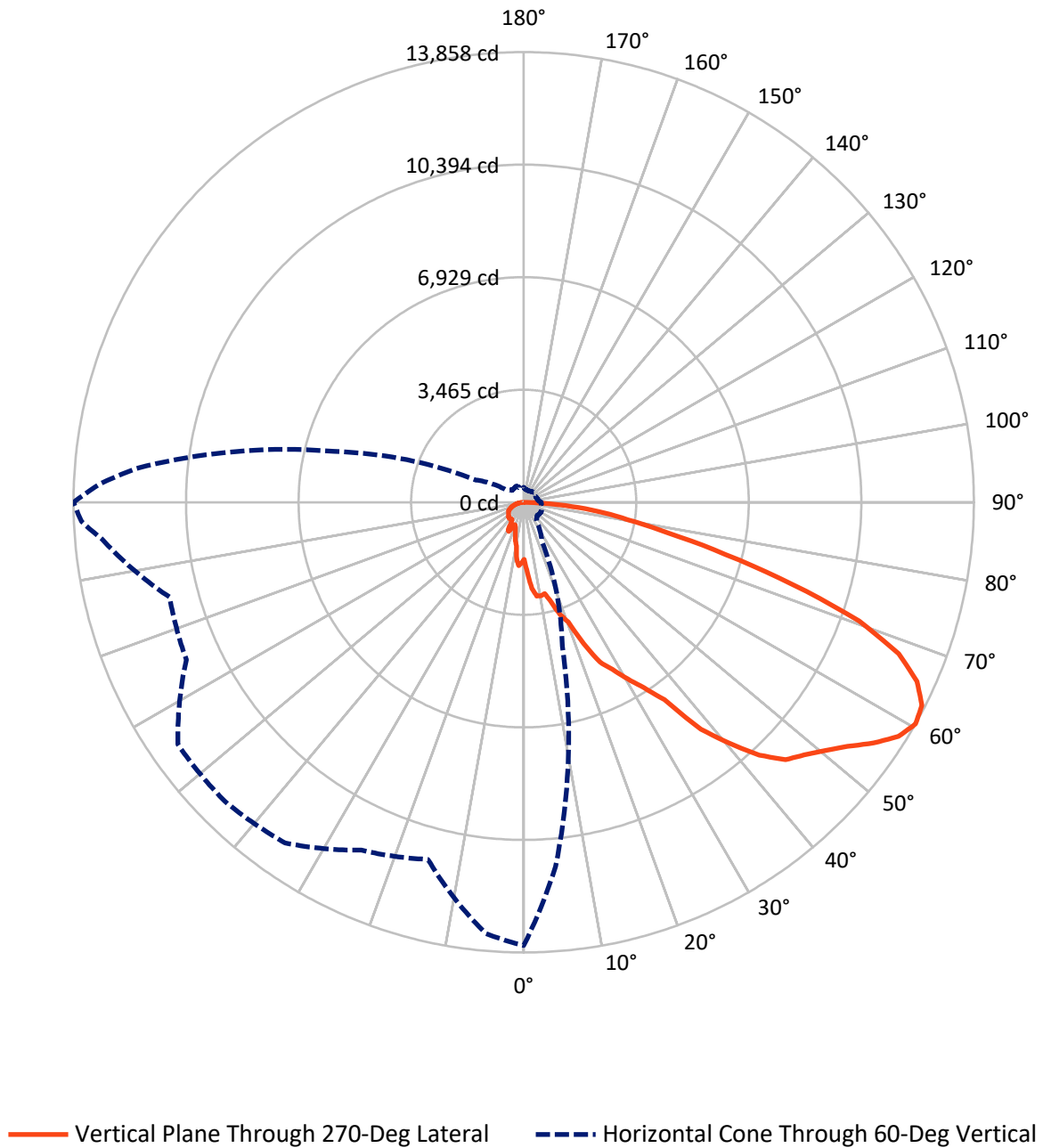
Based on 25 foot mounting height. Maximum calculated value = 7.1 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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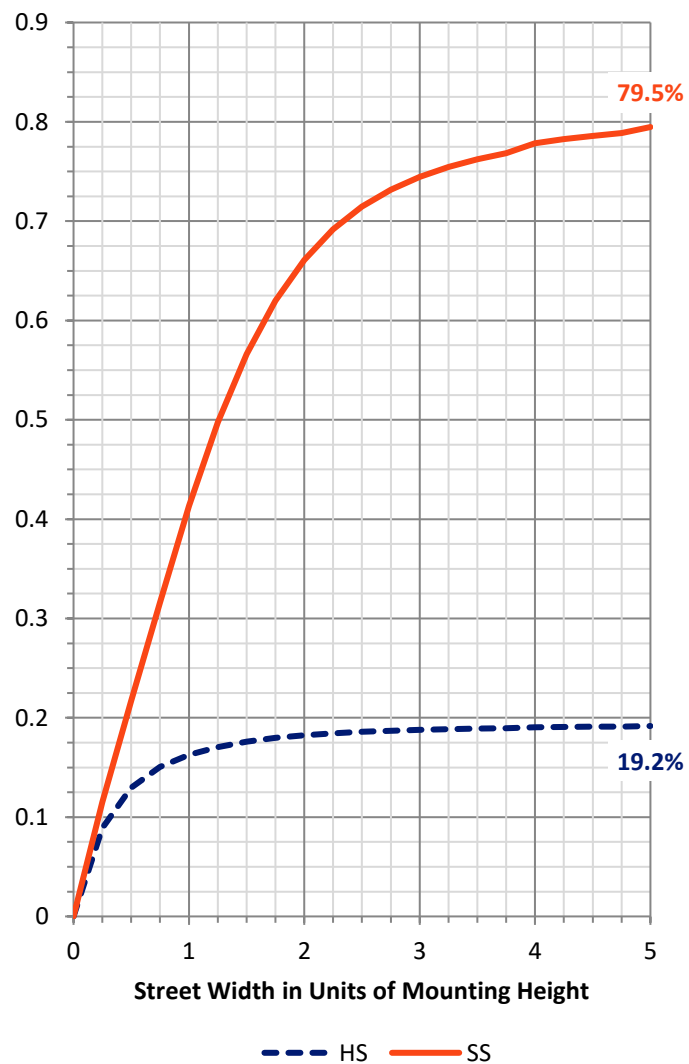
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3223.6	0.0	3223.6
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	13420.4	0.0	13420.4
	% Fixture	80.6	0.0	80.6
Total	Lumens	16644.0	0.0	16644.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.2	1.2
10°-20°	584.8	3.5
20°-30°	1032.4	6.2
30°-40°	1607.9	9.7
40°-50°	2647.2	15.9
50°-60°	3778.4	22.7
60°-70°	4006.5	24.1
70°-80°	2212.9	13.3
80°-90°	572.6	3.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	16644.0	100.0
0°-180°	16644.0	100.0

Coefficient of Utilization



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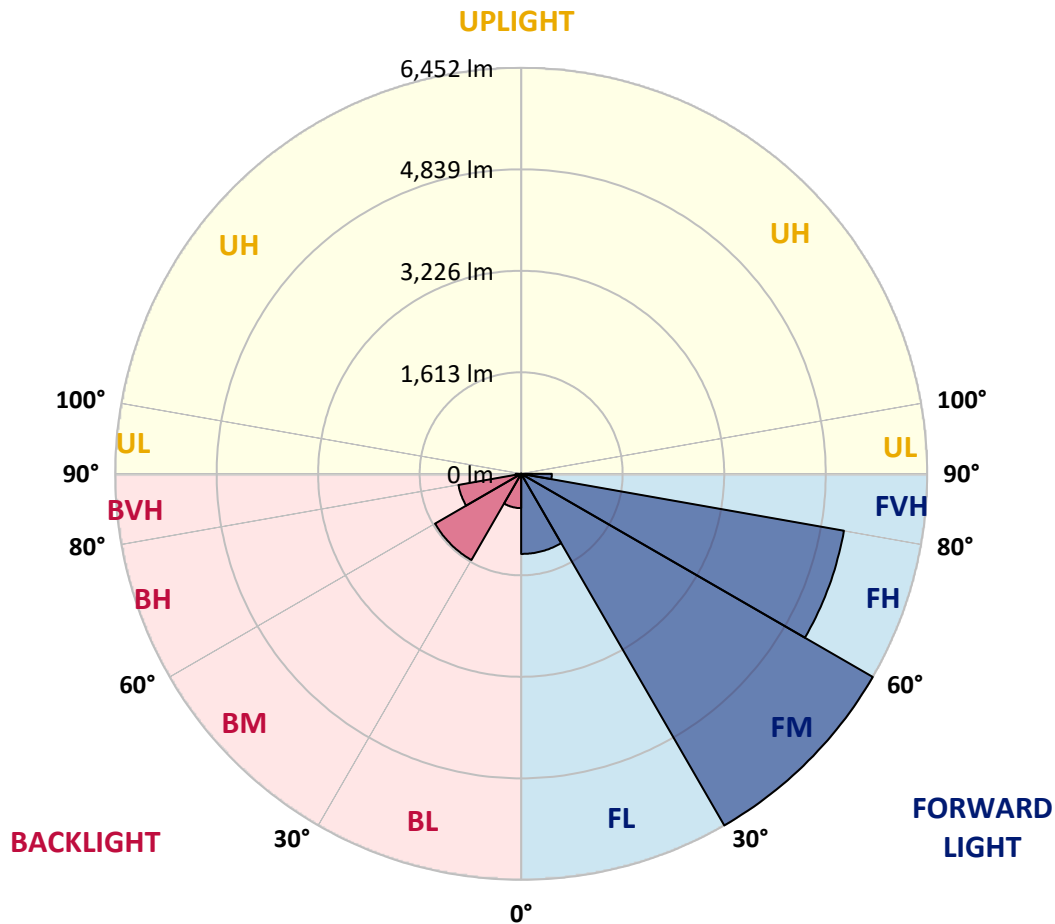
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1273.5	7.7			
FM	(30°-60°)	6452.3	38.8			
FH	(60°-80°)	5208.0	31.3			G3/7500
FVH	(80°-90°)	486.6	2.9			G3/500
BL	(0°-30°)	544.9	3.3	B2/1000		
BM	(30°-60°)	1581.3	9.5	B2/2500		
BH	(60°-80°)	1011.5	6.1	B3/2500		G3/2500
BVH	(80°-90°)	85.9	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-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°	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5
2.5°	2350.9	2365.5	2379.2	2351.7	2324.3	2296.0	2268.5	2227.3	2185.3	2144.1	2102.1
5°	2823.5	2770.2	2716.1	2694.3	2673.3	2651.4	2629.6	2609.4	2589.2	2568.2	2548.0
7.5°	2971.4	2895.4	2818.7	2786.4	2754.0	2720.9	2688.6	2615.9	2543.2	2469.7	2397.0
10°	2809.0	2729.8	2649.8	2618.3	2586.0	2554.5	2522.2	2433.3	2345.3	2256.4	2167.5
12.5°	2939.9	2859.1	2777.5	2677.3	2577.1	2476.1	2376.0	2326.7	2277.4	2227.3	2178.0
15°	3065.9	2956.8	2846.9	2746.8	2646.6	2545.6	2445.4	2346.9	2248.3	2149.8	2051.2
17.5°	3526.4	3344.6	3162.8	2981.9	2800.1	2619.1	2437.4	2323.4	2208.7	2094.8	1980.1
20°	4087.8	3835.0	3581.3	3306.6	3031.1	2756.5	2481.0	2337.2	2194.2	2050.4	1906.6
22.5°	4755.9	4436.8	4117.7	3771.2	3424.6	3077.2	2730.6	2522.2	2313.7	2104.5	1896.1
25°	5286.7	4979.7	4672.7	4233.3	3793.8	3354.3	2914.8	2678.1	2441.4	2203.9	1967.2
27.5°	5802.1	5313.4	4823.8	4320.5	3818.0	3314.7	2811.4	2592.5	2373.5	2154.6	1935.7
30°	6237.6	5849.8	5462.0	4805.2	4148.4	3490.8	2834.0	2565.0	2296.0	2027.0	1757.9
32.5°	6875.0	6321.6	5767.4	5082.3	4397.3	3712.2	3027.1	2682.9	2338.8	1994.6	1650.5
35°	7620.7	7045.5	6470.3	5622.8	4776.1	3928.7	3081.2	2716.9	2351.7	1987.4	1622.2
37.5°	9011.0	7997.1	6982.4	6057.4	5132.4	4206.6	3281.6	2858.3	2434.9	2010.8	1587.5
40°	9777.7	8840.6	7903.4	6750.6	5597.8	4444.1	3291.3	2858.3	2424.4	1991.4	1557.6
42.5°	10799.6	9614.5	8428.5	7182.0	5936.3	4689.7	3443.2	2963.3	2483.4	2002.7	1522.8
45°	11422.5	10101.6	8780.0	7447.8	6115.6	4783.4	3451.2	2964.1	2476.9	1989.8	1502.6
47.5°	11824.0	10555.7	9286.5	7852.5	6418.6	4983.8	3549.8	3032.8	2514.9	1997.9	1480.0
50°	12204.5	10948.3	9691.2	8202.3	6714.2	5225.3	3736.4	3171.7	2607.0	2041.5	1476.8
52.5°	12671.5	11514.6	10356.9	8759.8	7161.8	5564.6	3966.7	3351.9	2737.1	2122.3	1507.5
55°	13350.9	12211.0	11070.3	9356.0	7640.9	5926.6	4211.4	3528.8	2846.9	2164.3	1481.6
57.5°	13791.2	12635.1	11479.1	9730.8	7982.6	6233.5	4485.3	3729.1	2973.0	2216.0	1459.8
60°	13645.0	12452.6	11259.3	9592.7	7926.0	6259.4	4592.8	3776.0	2960.0	2143.3	1326.5
62.5°	12998.7	11731.1	10463.6	8970.6	7478.5	5985.5	4492.6	3662.1	2832.4	2001.9	1171.4
65°	12095.5	10785.1	9473.9	8127.2	6780.5	5433.8	4087.0	3333.3	2578.7	1825.0	1070.4
67.5°	10987.1	9621.0	8254.0	7061.6	5869.2	4676.0	3483.5	2853.4	2224.1	1593.9	963.8
70°	9596.7	8254.0	6911.4	5879.7	4848.0	3816.4	2784.7	2310.5	1837.1	1362.9	888.7
72.5°	7713.6	6555.1	5396.6	4584.7	3772.8	2960.9	2148.9	1819.3	1490.5	1160.9	831.3
75°	5486.3	4805.2	4124.2	3492.4	2860.7	2228.1	1596.4	1383.1	1169.8	956.5	743.2
77.5°	3898.8	3497.3	3095.8	2600.5	2105.3	1610.1	1114.9	989.6	865.2	740.0	614.8
80°	2882.5	2547.2	2212.0	1838.7	1465.5	1092.2	719.0	657.6	597.0	535.6	474.2
82.5°	1897.7	1746.6	1594.7	1299.1	1003.4	707.7	412.0	389.4	366.8	344.2	321.5
85°	849.9	897.5	944.4	763.4	581.7	400.7	218.9	208.4	197.9	187.4	176.9
87.5°	81.6	120.4	159.2	136.5	113.1	90.5	67.1	66.2	66.2	65.4	64.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5
2.5°	2113.4	2124.7	2136.0	2147.3	2135.2	2123.1	2110.2	2098.0	2082.7	2067.3	2051.2
5°	2514.1	2479.4	2445.4	2410.7	2359.0	2307.3	2254.8	2203.1	2196.6	2189.3	2182.9
7.5°	2333.1	2270.1	2206.3	2142.5	2061.7	1981.7	1900.9	1820.1	1795.9	1771.7	1747.4
10°	2124.7	2081.1	2038.3	1994.6	1944.6	1894.5	1843.6	1793.5	1727.2	1660.2	1593.9
12.5°	2106.9	2035.8	1963.9	1892.8	1862.1	1831.4	1800.7	1770.0	1711.9	1653.7	1594.7
15°	1993.8	1935.7	1878.3	1820.1	1775.7	1731.3	1686.8	1642.4	1595.5	1547.9	1501.0
17.5°	1913.9	1847.6	1781.4	1715.1	1664.2	1613.3	1561.6	1510.7	1454.2	1396.8	1340.3
20°	1830.6	1755.5	1679.6	1603.6	1539.0	1475.2	1410.5	1345.9	1283.7	1222.3	1160.1
22.5°	1796.7	1697.3	1598.0	1498.6	1430.7	1362.1	1294.2	1225.5	1168.2	1110.8	1053.5
25°	1848.4	1730.5	1611.7	1492.9	1401.7	1309.6	1218.3	1126.2	1078.5	1030.8	982.4
27.5°	1787.8	1639.2	1491.3	1342.7	1244.9	1146.4	1048.6	950.1	942.8	935.5	927.4
30°	1602.0	1446.1	1290.2	1134.3	1044.6	954.1	864.4	773.9	757.0	739.2	722.2
32.5°	1491.3	1332.2	1173.0	1013.9	933.9	853.1	773.1	692.3	673.0	653.6	634.2
35°	1449.3	1276.4	1103.6	930.7	862.0	793.3	724.7	656.0	642.3	629.3	615.6
37.5°	1415.4	1244.1	1072.0	900.0	833.7	767.5	700.4	634.2	623.7	613.2	602.7
40°	1383.1	1209.4	1034.9	860.4	801.4	743.2	684.3	625.3	618.8	612.4	605.1
42.5°	1354.0	1185.1	1015.5	846.7	794.1	742.4	689.9	637.4	630.9	624.5	618.0
45°	1337.8	1173.0	1008.2	843.4	805.4	767.5	728.7	690.7	675.4	660.0	643.9
47.5°	1325.7	1171.4	1017.1	862.8	823.2	783.6	744.1	704.5	690.7	677.0	662.5
50°	1328.1	1180.3	1031.7	883.0	835.3	786.9	739.2	690.7	689.1	687.5	685.9
52.5°	1350.0	1193.2	1035.7	878.2	826.5	774.8	722.2	670.5	681.0	690.7	701.2
55°	1318.4	1155.3	991.3	828.1	778.8	730.3	681.0	631.8	645.5	658.4	672.2
57.5°	1282.9	1106.0	929.1	752.1	715.0	677.8	639.8	602.7	617.2	632.6	647.1
60°	1165.0	1003.4	841.8	680.2	655.2	630.1	605.1	580.1	586.5	593.0	599.4
62.5°	1035.7	899.2	763.4	626.9	607.5	587.3	567.9	547.7	547.7	548.5	548.5
65°	953.3	836.1	719.0	601.9	580.1	558.2	535.6	513.8	510.6	507.3	504.1
67.5°	870.9	778.8	685.9	593.0	561.5	530.8	499.3	467.8	463.7	460.5	456.4
70°	806.3	723.9	641.5	559.0	523.5	488.8	453.2	417.7	414.4	412.0	408.8
72.5°	753.7	677.0	599.4	521.9	484.7	446.8	409.6	371.6	369.2	366.8	363.5
75°	674.6	606.7	538.0	469.4	433.0	397.5	361.1	324.8	321.5	319.1	315.9
77.5°	558.2	500.9	444.3	387.0	358.7	331.2	303.0	274.7	273.1	271.4	269.0
80°	429.8	385.4	340.1	295.7	277.1	257.7	239.1	219.7	218.9	218.1	216.5
82.5°	294.9	268.2	241.6	214.9	201.2	186.6	172.9	158.3	159.2	160.0	160.8
85°	168.0	158.3	149.5	139.8	128.5	117.9	106.6	95.3	97.8	100.2	101.8
87.5°	61.4	58.2	54.9	51.7	46.0	41.2	35.5	29.9	31.5	33.9	35.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P368394

CATALOG NUMBER: MSA-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P368394

CATALOG NUMBER: MSA-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5
2.5°	2035.8	2011.6	1987.4	1963.1	1938.9	1888.8	1839.5	1789.4	1739.4	1770.0	1801.6
5°	2175.6	2134.4	2092.4	2051.2	2009.2	1985.8	1962.3	1938.9	1915.5	1927.6	1940.5
7.5°	1723.2	1699.0	1673.9	1649.7	1624.6	1614.1	1604.4	1593.9	1583.4	1613.3	1643.2
10°	1526.9	1492.9	1459.0	1424.3	1390.3	1370.2	1350.0	1329.8	1309.6	1317.6	1325.7
12.5°	1536.6	1486.5	1436.4	1386.3	1336.2	1306.3	1276.4	1246.5	1216.7	1223.9	1231.2
15°	1453.4	1401.7	1350.0	1298.3	1246.5	1211.8	1176.3	1141.5	1106.0	1093.9	1080.9
17.5°	1282.9	1226.4	1169.8	1113.2	1056.7	1033.3	1009.8	986.4	963.0	950.1	937.1
20°	1097.9	1045.4	992.9	940.4	887.9	871.7	855.5	838.6	822.4	814.3	805.4
22.5°	996.1	963.8	930.7	898.4	865.2	846.7	828.9	810.3	791.7	782.8	773.1
25°	934.7	941.2	948.4	954.9	961.4	953.3	944.4	936.3	927.4	930.7	933.1
27.5°	920.2	933.9	948.4	962.2	975.9	983.2	990.5	997.7	1005.0	1007.4	1009.8
30°	704.5	711.7	718.2	725.5	731.9	752.1	772.3	791.7	811.9	843.4	875.7
32.5°	614.8	612.4	609.9	606.7	604.3	609.1	614.0	618.0	622.9	634.2	646.3
35°	601.9	596.2	589.7	584.1	577.6	580.1	582.5	584.9	587.3	596.2	605.1
37.5°	592.2	589.7	588.1	585.7	583.3	588.9	593.8	599.4	604.3	611.6	618.8
40°	598.6	597.8	597.0	595.4	594.6	597.8	601.1	604.3	607.5	617.2	626.9
42.5°	611.6	611.6	610.8	610.8	609.9	613.2	615.6	618.8	621.3	626.9	632.6
45°	628.5	626.9	626.1	624.5	622.9	622.1	622.1	621.3	620.4	623.7	627.7
47.5°	648.7	643.1	636.6	630.9	624.5	622.9	620.4	618.8	616.4	618.0	619.6
50°	684.3	668.9	654.4	639.0	623.7	619.6	615.6	611.6	607.5	606.7	606.7
52.5°	710.9	688.3	665.7	643.1	620.4	613.2	605.9	598.6	591.4	589.7	588.9
55°	685.1	668.1	652.0	635.0	618.0	607.5	596.2	585.7	574.4	572.0	569.6
57.5°	661.6	651.1	640.6	630.1	619.6	609.1	597.8	587.3	576.0	570.4	564.7
60°	605.9	605.9	606.7	606.7	606.7	595.4	584.1	572.8	561.5	555.8	551.0
62.5°	548.5	557.4	565.5	574.4	582.5	567.1	551.0	535.6	519.5	515.4	512.2
65°	500.9	503.3	506.5	509.0	511.4	499.3	487.1	475.0	462.9	460.5	457.3
67.5°	452.4	451.6	450.8	449.2	448.4	441.1	433.0	425.7	417.7	414.4	411.2
70°	405.6	404.7	403.9	402.3	401.5	395.0	388.6	382.1	375.7	373.2	370.8
72.5°	361.1	360.3	358.7	357.9	356.3	350.6	345.8	340.1	334.5	331.2	328.0
75°	312.6	311.0	309.4	307.8	306.2	301.3	296.5	290.8	286.0	282.8	279.5
77.5°	267.4	265.0	262.6	259.3	256.9	252.9	248.0	244.0	239.1	235.1	231.9
80°	215.7	214.1	212.5	210.0	208.4	204.4	200.4	195.5	191.5	186.6	182.6
82.5°	161.6	160.8	159.2	158.3	156.7	152.7	148.6	144.6	140.6	135.7	130.9
85°	104.2	103.4	102.6	101.8	101.0	97.8	95.3	92.1	88.9	84.0	80.0
87.5°	37.2	35.5	34.7	33.1	31.5	30.7	29.1	28.3	26.7	24.2	21.8
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: P368394

CATALOG NUMBER: MSA-SA4B-750-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: P368394

CATALOG NUMBER: MSA-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5
2.5°	1832.3	1863.0	1863.8	1863.8	1878.3	1892.0	1863.8	1835.5	1806.4	1778.1	1749.9
5°	1952.6	1964.7	1961.5	1957.5	1939.7	1921.9	1903.3	1884.8	1866.2	1847.6	1848.4
7.5°	1673.1	1703.0	1727.2	1750.7	1728.0	1705.4	1693.3	1681.2	1669.1	1656.9	1655.3
10°	1333.0	1341.1	1350.8	1359.7	1345.9	1331.4	1355.6	1379.8	1403.3	1427.5	1400.9
12.5°	1238.5	1245.7	1228.8	1211.0	1205.3	1199.7	1194.0	1187.6	1181.9	1175.5	1172.2
15°	1068.8	1055.9	1043.0	1029.2	1026.0	1022.0	1017.9	1013.1	1009.0	1004.2	989.6
17.5°	924.2	911.3	889.5	866.8	858.0	848.3	845.8	843.4	840.2	837.8	824.0
20°	797.4	788.5	782.8	776.4	767.5	758.6	749.7	740.8	731.1	722.2	709.3
22.5°	764.2	754.6	747.3	739.2	737.6	736.0	719.8	702.8	686.7	669.7	662.5
25°	936.3	938.7	894.3	849.1	845.0	841.0	811.9	782.0	752.9	723.0	698.0
27.5°	1011.5	1013.9	1012.3	1010.6	997.7	984.0	934.7	884.6	835.3	785.3	749.7
30°	907.2	938.7	950.9	963.0	954.1	944.4	892.7	841.8	790.1	738.4	715.0
32.5°	657.6	668.9	689.1	708.5	719.0	728.7	712.5	696.4	680.2	664.1	660.0
35°	613.2	622.1	626.1	630.1	623.7	617.2	605.1	593.0	580.1	567.9	565.5
37.5°	625.3	632.6	640.6	648.7	630.9	612.4	598.6	585.7	572.0	558.2	546.9
40°	636.6	646.3	651.1	656.0	638.2	620.4	603.5	587.3	570.4	553.4	542.1
42.5°	638.2	643.9	652.8	661.6	636.6	610.8	595.4	579.2	563.9	547.7	536.4
45°	630.9	634.2	642.3	650.3	621.3	591.4	577.6	563.1	549.4	534.8	525.1
47.5°	620.4	622.1	628.5	634.2	603.5	572.0	559.0	546.1	532.4	519.5	509.8
50°	605.9	605.1	609.9	614.0	582.5	551.0	538.0	525.9	513.0	500.1	492.0
52.5°	587.3	585.7	590.6	594.6	561.5	528.3	517.0	506.5	495.2	483.9	477.5
55°	566.3	563.9	567.9	572.0	539.7	506.5	496.8	486.3	476.6	466.1	460.5
57.5°	558.2	552.6	555.0	557.4	521.1	484.7	475.0	465.3	455.6	445.9	441.9
60°	545.3	539.7	542.1	543.7	504.9	465.3	456.4	446.8	437.9	428.2	424.1
62.5°	508.2	504.1	507.3	510.6	475.8	440.3	432.2	424.9	416.9	408.8	403.1
65°	454.8	451.6	458.1	464.5	434.6	404.7	399.9	395.0	389.4	384.5	378.9
67.5°	408.0	404.7	411.2	417.7	395.9	374.0	369.2	364.4	359.5	354.7	351.4
70°	368.4	366.0	371.6	377.3	358.7	340.1	335.3	331.2	326.4	321.5	319.1
72.5°	324.0	320.7	328.0	334.5	319.1	303.0	298.9	294.1	290.0	285.2	283.6
75°	276.3	273.1	279.5	285.2	274.7	263.4	259.3	255.3	251.2	247.2	246.4
77.5°	227.8	223.8	230.2	235.9	229.4	222.2	218.9	214.9	211.7	207.6	207.6
80°	177.7	172.9	177.7	181.8	179.3	176.9	174.5	171.3	168.8	165.6	166.4
82.5°	126.0	121.2	123.6	126.0	127.6	129.3	129.3	129.3	129.3	129.3	129.3
85°	75.1	70.3	71.1	71.9	74.3	76.7	77.6	78.4	79.2	80.0	80.8
87.5°	19.4	17.0	15.3	12.9	15.3	17.0	18.6	19.4	21.0	21.8	21.8
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: P368394

CATALOG NUMBER: MSA-SA4B-750-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: P368394

CATALOG NUMBER: MSA-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5
2.5°	1721.6	1692.5	1664.2	1682.0	1699.0	1716.7	1733.7	1734.5	1734.5	1735.3	1735.3
5°	1850.0	1850.8	1851.6	1834.7	1818.5	1801.6	1784.6	1775.7	1766.8	1757.1	1748.2
7.5°	1652.9	1651.3	1648.9	1632.7	1616.6	1600.4	1584.2	1545.5	1505.9	1467.1	1427.5
10°	1373.4	1346.7	1319.3	1312.8	1307.1	1300.7	1294.2	1283.7	1274.0	1263.5	1253.0
12.5°	1169.0	1165.8	1162.5	1145.6	1128.6	1110.8	1093.9	1093.9	1093.9	1093.9	1093.9
15°	974.3	959.8	944.4	936.3	927.4	919.4	910.5	906.4	902.4	898.4	894.3
17.5°	809.5	795.8	781.2	779.6	778.0	776.4	774.8	770.7	766.7	762.6	758.6
20°	696.4	683.5	670.5	675.4	680.2	684.3	689.1	685.1	681.0	676.2	672.2
22.5°	654.4	647.1	639.0	635.0	630.9	626.1	622.1	622.1	622.9	622.9	622.9
25°	673.8	648.7	623.7	611.6	599.4	586.5	574.4	569.6	565.5	560.7	555.8
27.5°	714.2	677.8	642.3	621.3	600.2	579.2	558.2	549.4	539.7	530.8	521.1
30°	690.7	667.3	643.1	618.8	594.6	570.4	546.1	534.8	523.5	511.4	500.1
32.5°	656.0	651.1	647.1	624.5	601.9	578.4	555.8	551.0	546.9	542.1	537.2
35°	562.3	559.9	556.6	551.0	545.3	539.7	534.0	527.5	521.1	514.6	508.2
37.5°	536.4	525.1	513.8	511.4	509.0	506.5	504.1	501.7	499.3	496.0	493.6
40°	530.8	519.5	508.2	504.1	500.1	495.2	491.2	492.0	493.6	494.4	495.2
42.5°	524.3	513.0	500.9	497.6	494.4	491.2	488.0	488.8	490.4	491.2	492.0
45°	516.2	506.5	496.8	491.2	486.3	480.7	475.0	479.9	484.7	488.8	493.6
47.5°	500.1	489.6	479.9	476.6	473.4	469.4	466.1	471.0	475.8	479.9	484.7
50°	483.1	475.0	466.1	465.3	464.5	462.9	462.1	465.3	468.6	471.8	475.0
52.5°	470.2	463.7	456.4	456.4	455.6	455.6	454.8	458.1	461.3	463.7	467.0
55°	455.6	450.0	444.3	445.1	446.8	447.6	448.4	451.6	455.6	458.9	462.1
57.5°	437.1	433.0	428.2	431.4	433.8	437.1	439.5	441.9	445.1	447.6	450.0
60°	419.3	415.2	410.4	413.6	417.7	420.9	424.1	426.6	429.0	431.4	433.8
62.5°	397.5	391.0	385.4	390.2	394.2	399.1	403.1	404.7	407.2	408.8	410.4
65°	374.0	368.4	362.7	366.0	369.2	371.6	374.9	377.3	379.7	382.1	384.5
67.5°	347.4	344.2	340.1	342.5	345.0	347.4	349.8	350.6	350.6	351.4	351.4
70°	315.9	313.5	310.2	311.8	314.3	315.9	317.5	317.5	317.5	316.7	316.7
72.5°	282.8	281.1	279.5	280.3	281.9	282.8	283.6	282.8	281.9	281.1	280.3
75°	245.6	244.8	244.0	244.8	246.4	247.2	248.0	247.2	245.6	244.8	243.2
77.5°	208.4	208.4	208.4	208.4	209.2	209.2	209.2	207.6	206.0	204.4	202.8
80°	167.2	168.0	168.8	168.8	168.8	168.8	168.8	167.2	165.6	163.2	161.6
82.5°	129.3	129.3	129.3	129.3	130.1	130.1	130.1	126.0	122.8	118.8	114.7
85°	80.8	81.6	81.6	82.4	83.2	83.2	84.0	78.4	73.5	67.9	62.2
87.5°	21.8	21.8	21.8	21.8	21.8	21.0	21.0	16.2	10.5	5.7	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: P368394

CATALOG NUMBER: MSA-SA4B-750-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: P368394

CATALOG NUMBER: MSA-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5
2.5°	1740.2	1745.0	1749.0	1753.9	1754.7	1755.5	1755.5	1756.3	1739.4	1722.4	1704.6
5°	1760.4	1771.7	1783.8	1795.1	1792.7	1790.2	1787.8	1785.4	1780.6	1776.5	1771.7
7.5°	1418.6	1410.5	1401.7	1392.8	1400.0	1407.3	1414.6	1421.9	1425.1	1428.3	1430.7
10°	1232.8	1212.6	1192.4	1172.2	1160.9	1148.8	1137.5	1125.4	1123.8	1122.9	1121.3
12.5°	1072.9	1051.0	1030.0	1008.2	1001.8	994.5	988.0	980.8	987.2	993.7	999.3
15°	885.4	877.4	868.5	859.6	866.8	874.1	881.4	888.7	895.1	900.8	907.2
17.5°	754.6	751.3	747.3	743.2	749.7	757.0	763.4	769.9	784.4	799.0	813.5
20°	668.9	666.5	663.3	660.0	657.6	654.4	652.0	648.7	669.7	689.9	710.9
22.5°	618.0	613.2	608.3	603.5	604.3	605.1	605.1	605.9	622.9	640.6	657.6
25°	554.2	552.6	551.0	549.4	554.2	559.0	563.1	567.9	583.3	598.6	613.2
27.5°	521.9	522.7	523.5	524.3	530.8	538.0	544.5	551.0	561.5	572.0	582.5
30°	504.1	509.0	513.0	517.0	519.5	521.9	524.3	526.7	537.2	546.9	557.4
32.5°	530.8	524.3	517.0	510.6	513.8	517.8	521.1	524.3	534.0	543.7	553.4
35°	505.7	502.5	500.1	496.8	500.9	504.9	508.2	512.2	521.1	529.2	538.0
37.5°	492.8	492.0	491.2	490.4	492.8	495.2	496.8	499.3	507.3	515.4	522.7
40°	492.0	488.0	484.7	480.7	483.1	485.5	487.1	489.6	499.3	509.0	518.7
42.5°	487.1	482.3	476.6	471.8	474.2	477.5	479.9	482.3	492.8	502.5	513.0
45°	486.3	479.1	471.0	463.7	467.0	470.2	473.4	476.6	484.7	492.8	500.1
47.5°	477.5	470.2	462.9	455.6	457.3	458.9	459.7	461.3	468.6	475.0	482.3
50°	470.2	464.5	459.7	454.0	451.6	450.0	447.6	445.1	450.8	456.4	462.1
52.5°	461.3	455.6	449.2	443.5	440.3	437.1	433.8	430.6	435.4	439.5	444.3
55°	455.6	448.4	441.9	434.6	430.6	426.6	422.5	418.5	421.7	424.1	427.4
57.5°	443.5	437.1	429.8	423.3	418.5	413.6	408.0	403.1	404.7	406.4	408.0
60°	427.4	420.1	413.6	406.4	400.7	395.0	388.6	382.9	383.7	385.4	386.2
62.5°	403.9	397.5	390.2	383.7	377.3	371.6	365.2	358.7	360.3	361.1	362.7
65°	378.1	370.8	364.4	357.1	351.4	345.8	339.3	333.7	335.3	336.9	337.7
67.5°	346.6	340.9	336.1	330.4	325.6	319.9	315.1	309.4	310.2	311.0	311.8
70°	312.6	307.8	303.8	298.9	294.9	290.8	286.8	282.8	282.8	283.6	283.6
72.5°	276.3	272.3	268.2	264.2	260.1	256.9	252.9	248.8	250.4	252.1	252.9
75°	239.1	235.9	231.9	227.8	224.6	221.4	217.3	214.1	215.7	217.3	218.1
77.5°	200.4	197.9	194.7	192.3	189.0	185.8	181.8	178.5	180.2	181.8	182.6
80°	160.0	158.3	155.9	154.3	151.1	147.8	144.6	141.4	142.2	142.2	143.0
82.5°	115.5	116.3	116.3	117.1	114.7	111.5	109.1	105.8	105.8	105.8	105.0
85°	64.6	67.9	70.3	72.7	70.3	67.9	65.4	63.0	62.2	62.2	61.4
87.5°	2.4	4.0	6.5	8.1	7.3	6.5	4.8	4.0	4.8	5.7	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: P368394

CATALOG NUMBER: MSA-SA4B-750-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: P368394

CATALOG NUMBER: MSA-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5
2.5°	1687.6	1701.4	1715.1	1728.8	1742.6	1763.6	1784.6	1806.4	1828.2	1816.1	1803.2
5°	1766.8	1774.9	1783.8	1791.9	1799.9	1823.4	1846.0	1874.3	1901.7	1898.5	1894.5
7.5°	1434.0	1445.3	1456.6	1467.1	1478.4	1514.0	1549.5	1579.4	1609.3	1605.2	1600.4
10°	1119.7	1143.1	1167.4	1190.8	1214.2	1243.3	1271.6	1296.6	1321.7	1363.7	1404.9
12.5°	1005.8	1042.2	1078.5	1114.9	1151.2	1172.2	1192.4	1224.7	1257.1	1279.7	1303.1
15°	912.9	946.8	980.8	1014.7	1048.6	1050.2	1051.9	1085.8	1119.7	1139.1	1157.7
17.5°	828.1	846.7	865.2	883.0	901.6	895.1	888.7	904.8	920.2	928.2	937.1
20°	731.1	744.1	757.0	769.9	782.8	791.7	799.8	809.5	818.4	810.3	801.4
22.5°	674.6	694.0	714.2	733.5	752.9	758.6	763.4	757.8	752.1	749.7	747.3
25°	628.5	652.0	676.2	699.6	723.0	734.4	745.7	750.5	754.6	745.7	736.8
27.5°	593.0	621.3	648.7	677.0	704.5	724.7	744.9	750.5	755.4	748.9	741.6
30°	567.1	597.8	628.5	659.2	689.9	720.6	750.5	777.2	803.0	800.6	798.2
32.5°	563.1	584.1	605.1	626.1	647.1	666.5	685.1	686.7	687.5	681.0	673.8
35°	546.1	559.9	573.6	587.3	601.1	613.2	624.5	622.9	621.3	614.8	608.3
37.5°	530.8	544.5	559.0	572.8	586.5	607.5	627.7	623.7	618.8	612.4	605.9
40°	528.3	543.7	559.0	573.6	588.9	608.3	627.7	623.7	619.6	611.6	603.5
42.5°	522.7	538.0	552.6	567.9	582.5	605.9	628.5	621.3	613.2	606.7	600.2
45°	508.2	521.9	535.6	549.4	563.1	588.1	613.2	604.3	595.4	593.0	589.7
47.5°	488.8	502.5	516.2	530.0	543.7	568.7	593.0	585.7	577.6	576.8	575.2
50°	467.8	480.7	494.4	507.3	520.3	545.3	569.6	563.1	556.6	557.4	557.4
52.5°	448.4	460.5	471.8	483.9	495.2	520.3	544.5	539.7	534.0	535.6	536.4
55°	429.8	439.5	449.2	458.9	468.6	492.8	517.0	509.8	502.5	504.9	507.3
57.5°	409.6	417.7	425.7	433.0	441.1	465.3	488.8	480.7	471.8	475.8	479.1
60°	387.0	394.2	401.5	408.0	415.2	437.1	458.1	450.8	442.7	448.4	453.2
62.5°	363.5	369.2	374.9	380.5	386.2	406.4	426.6	420.9	415.2	421.7	427.4
65°	339.3	343.3	348.2	352.2	356.3	375.7	394.2	390.2	386.2	391.8	397.5
67.5°	312.6	315.9	319.9	323.1	326.4	344.2	361.9	357.9	353.0	357.9	361.9
70°	283.6	286.8	289.2	292.5	294.9	311.0	327.2	321.5	315.1	319.9	324.0
72.5°	254.5	256.1	258.5	260.1	261.8	273.9	286.0	281.1	276.3	281.1	285.2
75°	219.7	221.4	223.0	224.6	226.2	236.7	246.4	240.7	234.3	239.1	244.0
77.5°	184.2	185.0	186.6	187.4	188.2	195.5	202.0	196.3	189.9	195.5	201.2
80°	143.0	143.8	144.6	144.6	145.4	147.8	150.3	146.2	141.4	148.6	155.9
82.5°	105.0	104.2	104.2	103.4	102.6	102.6	101.8	99.4	96.1	102.6	109.1
85°	60.6	59.8	58.2	57.4	55.7	53.3	50.9	50.1	49.3	54.9	60.6
87.5°	6.5	5.7	4.0	3.2	1.6	0.8	0.0	0.0	0.0	3.2	7.3
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: P368394

CATALOG NUMBER: MSA-SA4B-750-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: P368394

CATALOG NUMBER: MSA-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5
2.5°	1791.1	1778.1	1766.0	1753.9	1741.8	1729.7	1752.3	1774.9	1797.5	1820.1	1840.3
5°	1891.2	1887.2	1876.7	1867.0	1856.5	1846.0	1851.6	1858.1	1863.8	1869.4	1881.5
7.5°	1596.4	1591.5	1614.1	1635.9	1658.6	1680.4	1686.0	1690.9	1696.5	1701.4	1698.1
10°	1446.9	1488.1	1498.6	1508.3	1518.8	1528.5	1544.7	1560.8	1576.2	1592.3	1601.2
12.5°	1325.7	1348.3	1385.5	1423.5	1460.6	1497.8	1522.0	1546.3	1570.5	1594.7	1644.8
15°	1177.1	1195.7	1223.9	1252.2	1280.5	1308.8	1343.5	1379.0	1413.8	1448.5	1503.5
17.5°	945.2	953.3	974.3	995.3	1015.5	1036.5	1083.4	1129.4	1176.3	1222.3	1285.3
20°	793.3	784.4	784.4	785.3	785.3	785.3	832.1	878.2	925.0	971.1	1054.3
22.5°	744.1	741.6	732.7	723.0	714.2	704.5	728.7	753.7	778.0	802.2	870.1
25°	727.1	718.2	706.9	695.6	684.3	673.0	688.3	703.7	719.0	734.4	787.7
27.5°	735.2	727.9	733.5	738.4	744.1	748.9	753.7	758.6	763.4	768.3	786.9
30°	795.8	793.3	802.2	810.3	819.2	827.3	816.0	805.4	794.1	782.8	789.3
32.5°	667.3	660.0	656.8	653.6	650.3	647.1	646.3	645.5	643.9	643.1	657.6
35°	601.9	595.4	590.6	585.7	580.1	575.2	577.6	579.2	581.7	583.3	599.4
37.5°	599.4	593.0	587.3	581.7	575.2	569.6	572.0	575.2	577.6	580.1	592.2
40°	595.4	587.3	584.1	580.9	577.6	574.4	576.0	577.6	578.4	580.1	588.9
42.5°	593.0	586.5	584.9	583.3	581.7	580.1	581.7	583.3	584.1	585.7	596.2
45°	587.3	584.1	585.7	587.3	588.9	590.6	590.6	590.6	590.6	590.6	601.9
47.5°	574.4	572.8	577.6	582.5	587.3	592.2	600.2	608.3	615.6	623.7	626.1
50°	558.2	558.2	566.3	574.4	581.7	589.7	609.1	627.7	647.1	665.7	653.6
52.5°	538.0	538.9	551.0	562.3	574.4	585.7	603.5	621.3	638.2	656.0	638.2
55°	509.0	511.4	526.7	541.3	556.6	571.2	584.9	598.6	612.4	626.1	607.5
57.5°	483.1	486.3	502.5	517.8	534.0	549.4	557.4	566.3	574.4	582.5	570.4
60°	458.9	463.7	484.7	505.7	525.9	546.9	540.5	534.0	526.7	520.3	519.5
62.5°	433.8	439.5	458.9	478.3	496.8	516.2	506.5	496.8	486.3	476.6	480.7
65°	402.3	408.0	416.9	425.7	433.8	442.7	441.9	441.9	441.1	440.3	448.4
67.5°	366.8	370.8	376.5	381.3	387.0	391.8	395.0	399.1	402.3	405.6	415.2
70°	328.8	332.8	338.5	343.3	349.0	353.8	357.9	361.9	365.2	369.2	378.9
72.5°	290.0	294.1	299.7	305.4	310.2	315.9	319.1	322.3	324.8	328.0	336.1
75°	248.8	253.7	259.3	264.2	269.8	274.7	277.1	279.5	281.9	284.4	291.6
77.5°	206.8	212.5	218.1	223.8	229.4	235.1	235.9	236.7	237.5	238.3	244.8
80°	162.4	169.7	175.3	181.0	186.6	192.3	192.3	192.3	192.3	192.3	195.5
82.5°	115.5	122.0	128.5	134.1	140.6	146.2	146.2	145.4	145.4	144.6	144.6
85°	66.2	71.9	75.9	80.8	84.8	88.9	88.9	88.9	88.1	88.1	86.4
87.5°	10.5	13.7	15.3	17.8	19.4	21.0	20.2	20.2	19.4	18.6	16.2
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: P368394

CATALOG NUMBER: MSA-SA4B-750-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: P368394

CATALOG NUMBER: MSA-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5
2.5°	1860.5	1880.7	1900.9	1897.7	1894.5	1891.2	1888.0	1900.1	1911.4	1923.5	1934.9
5°	1892.8	1905.0	1916.3	1925.2	1934.0	1942.9	1951.8	1993.0	2033.4	2074.6	2115.0
7.5°	1694.9	1690.9	1687.6	1725.6	1764.4	1802.4	1840.3	1892.8	1945.4	1997.9	2050.4
10°	1610.1	1619.0	1627.9	1643.2	1659.4	1674.7	1690.1	1741.8	1793.5	1845.2	1896.9
12.5°	1694.1	1744.2	1793.5	1805.6	1818.5	1830.6	1842.8	1853.3	1863.8	1873.5	1884.0
15°	1558.4	1613.3	1668.3	1699.8	1731.3	1762.0	1793.5	1872.6	1951.0	2030.2	2108.5
17.5°	1347.5	1410.5	1472.8	1550.3	1627.9	1705.4	1783.0	1855.7	1928.4	2000.3	2073.0
20°	1137.5	1219.9	1303.1	1387.9	1471.9	1556.8	1640.8	1711.9	1783.0	1853.3	1924.4
22.5°	937.1	1005.0	1072.0	1175.5	1278.1	1381.5	1484.1	1616.6	1748.2	1880.7	2012.4
25°	840.2	893.5	946.0	1052.7	1159.3	1265.1	1371.8	1543.8	1715.1	1887.2	2058.5
27.5°	806.3	824.8	843.4	940.4	1036.5	1133.4	1229.6	1415.4	1601.2	1786.2	1972.0
30°	795.8	802.2	808.7	884.6	960.6	1036.5	1112.4	1295.8	1480.0	1663.4	1846.8
32.5°	671.3	685.9	699.6	773.9	847.5	921.8	995.3	1180.3	1364.5	1549.5	1733.7
35°	615.6	631.8	647.9	720.6	793.3	865.2	937.9	1132.6	1328.1	1522.8	1717.5
37.5°	604.3	616.4	628.5	710.9	793.3	875.7	958.1	1155.3	1352.4	1549.5	1746.6
40°	598.6	607.5	616.4	696.4	777.2	857.2	937.1	1143.9	1350.0	1556.8	1762.8
42.5°	605.9	616.4	626.1	698.8	770.7	843.4	915.3	1129.4	1342.7	1556.8	1770.0
45°	612.4	623.7	634.2	702.0	769.9	837.8	905.6	1134.3	1362.1	1590.7	1818.5
47.5°	627.7	630.1	631.8	690.7	748.9	807.9	866.0	1098.7	1331.4	1563.2	1795.9
50°	640.6	628.5	615.6	677.0	737.6	799.0	859.6	1080.1	1300.7	1520.4	1741.0
52.5°	620.4	601.9	584.1	650.3	716.6	782.0	848.3	1068.8	1290.2	1510.7	1731.3
55°	589.7	571.2	552.6	619.6	686.7	753.7	820.8	1040.5	1261.1	1480.8	1700.6
57.5°	559.0	546.9	534.8	589.7	645.5	700.4	755.4	993.7	1231.2	1469.5	1707.0
60°	518.7	517.0	516.2	559.0	602.7	645.5	688.3	921.8	1154.5	1387.9	1620.6
62.5°	483.9	488.0	491.2	525.9	560.7	594.6	629.3	854.7	1080.9	1306.3	1531.7
65°	457.3	465.3	473.4	513.0	552.6	591.4	630.9	820.0	1009.0	1198.1	1387.1
67.5°	424.9	434.6	444.3	496.0	547.7	599.4	651.1	807.1	963.0	1118.9	1274.8
70°	387.8	397.5	406.4	472.6	538.0	604.3	669.7	807.9	946.8	1085.0	1223.1
72.5°	344.2	352.2	360.3	431.4	502.5	573.6	644.7	761.8	879.0	995.3	1112.4
75°	299.7	307.0	314.3	375.7	437.1	498.5	559.9	650.3	740.0	830.5	920.2
77.5°	250.4	256.9	262.6	303.8	345.0	386.2	427.4	496.8	565.5	635.0	703.7
80°	198.7	202.0	205.2	229.4	252.9	277.1	300.5	346.6	392.6	437.9	483.9
82.5°	145.4	145.4	145.4	160.8	176.9	192.3	207.6	231.1	253.7	277.1	299.7
85°	84.8	82.4	80.8	91.3	101.8	112.3	122.8	132.5	142.2	151.9	161.6
87.5°	13.7	10.5	8.1	14.5	21.0	27.5	33.9	37.2	41.2	44.4	47.7
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: P368394

CATALOG NUMBER: MSA-SA4B-750-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: P368394

CATALOG NUMBER: MSA-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5
2.5°	1907.4	1880.7	1853.3	1825.8	1866.2	1906.6	1947.0	1987.4	2094.8	2158.6	2162.7
5°	2148.9	2182.9	2216.8	2250.7	2284.7	2318.6	2351.7	2385.6	2560.1	2667.6	2687.8
7.5°	2106.1	2162.7	2218.4	2274.2	2370.3	2466.4	2562.6	2658.7	2806.6	2913.2	2983.5
10°	1966.4	2035.8	2105.3	2174.8	2288.7	2403.4	2517.3	2631.2	2788.0	2928.5	2995.6
12.5°	1994.6	2105.3	2215.2	2325.9	2424.4	2523.8	2622.4	2720.9	2829.2	2882.5	3004.5
15°	2185.3	2262.0	2338.8	2415.5	2564.2	2712.0	2860.7	3008.5	3069.9	3191.9	3301.8
17.5°	2214.4	2354.9	2496.3	2636.9	2818.7	3000.4	3182.2	3364.0	3477.9	3635.4	3767.9
20°	2123.9	2322.6	2522.2	2720.9	2955.2	3190.3	3424.6	3658.9	3803.5	3936.0	4141.2
22.5°	2232.2	2451.9	2670.8	2890.6	3201.6	3511.8	3822.9	4133.1	4435.2	4730.9	4869.9
25°	2351.7	2645.8	2939.0	3232.3	3620.9	4008.7	4397.3	4785.0	5173.6	5450.7	5610.7
27.5°	2267.7	2562.6	2858.3	3153.1	3633.8	4115.3	4596.0	5076.7	5492.7	5826.4	5963.7
30°	2208.7	2570.7	2932.6	3294.5	3858.4	4422.3	4986.2	5550.1	5934.6	6307.1	6509.0
32.5°	2198.2	2662.7	3126.5	3591.0	4247.8	4903.8	5560.6	6216.6	6471.9	6802.3	7074.5
35°	2227.3	2737.9	3247.6	3757.4	4510.4	5263.3	6015.4	6768.4	7131.1	7458.3	7696.6
37.5°	2316.2	2885.7	3454.5	4024.0	4931.3	5839.3	6746.5	7653.8	8262.1	8860.8	8967.4
40°	2366.3	2970.5	3574.0	4177.5	5232.6	6287.7	7342.8	8397.8	9097.5	9754.3	9798.7
42.5°	2425.2	3080.4	3734.8	4390.0	5559.8	6730.4	7900.2	9070.0	9936.0	10642.1	10663.1
45°	2493.1	3166.9	3841.4	4515.2	5736.7	6957.4	8178.9	9399.6	10446.6	11304.6	11095.3
47.5°	2519.8	3244.4	3968.3	4692.1	5994.4	7295.9	8598.2	9899.7	10839.2	11619.6	11419.3
50°	2530.3	3320.4	4109.7	4898.9	6248.1	7598.0	8947.2	10296.3	11252.1	12013.1	11706.1
52.5°	2595.7	3460.1	4324.5	5189.0	6594.7	8000.4	9406.1	10811.8	11752.1	12483.3	12101.9
55°	2683.8	3666.9	4649.3	5632.5	7087.5	8541.6	9996.6	11450.8	12394.4	13074.6	12602.0
57.5°	2765.3	3824.5	4882.8	5941.1	7448.6	8956.9	10464.4	11971.9	12927.6	13600.5	13142.5
60°	2725.8	3830.9	4936.1	6041.3	7522.9	9003.7	10485.4	11966.2	13051.2	13858.3	13624.0
62.5°	2606.2	3680.7	4754.3	5828.8	7235.3	8641.0	10047.5	11453.2	12723.2	13758.1	13747.6
65°	2376.0	3364.8	4352.8	5341.7	6643.1	7945.4	9246.9	10548.4	12045.4	13302.4	13384.0
67.5°	2095.6	2916.4	3737.2	4558.0	5783.6	7009.1	8234.7	9460.2	11060.6	12447.7	12518.0
70°	1824.2	2426.0	3027.1	3628.2	4704.2	5780.3	6855.6	7931.7	9548.3	10951.5	11016.2
72.5°	1505.9	1899.3	2291.9	2685.4	3557.1	4428.8	5299.6	6171.3	7590.8	8670.1	9034.4
75°	1153.6	1387.1	1620.6	1854.1	2559.3	3264.6	3969.1	4674.4	5617.9	6414.5	6824.9
77.5°	824.8	946.0	1067.2	1188.4	1787.8	2387.3	2985.9	3585.3	4081.4	4533.0	4810.1
80°	541.3	597.8	655.2	711.7	1210.2	1708.7	2206.3	2704.8	3006.9	3249.3	3389.0
82.5°	328.0	356.3	383.7	412.0	816.0	1219.9	1623.0	2027.0	2199.8	2315.4	2439.8
85°	176.9	192.3	207.6	223.0	482.3	740.8	1000.1	1258.7	1275.6	1289.4	1474.4
87.5°	51.7	56.6	60.6	64.6	106.6	149.5	191.5	233.5	145.4	90.5	185.8
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: P368394

CATALOG NUMBER: MSA-SA4B-750-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: P368394

CATALOG NUMBER: MSA-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5
2.5°	2139.2	2128.7	2118.2	2106.9	2096.4	2052.0	2008.4	1963.9	1919.5	1962.3	2004.3
5°	2664.4	2696.7	2728.2	2760.5	2792.8	2795.2	2796.9	2799.3	2800.9	2809.0	2817.1
7.5°	3042.4	3099.8	3156.4	3213.7	3271.1	3315.5	3359.9	3405.2	3449.6	3409.2	3368.8
10°	3074.8	3195.9	3317.1	3438.3	3559.5	3581.3	3602.3	3624.1	3645.9	3675.0	3703.3
12.5°	3107.1	3254.9	3402.0	3549.8	3697.6	3762.3	3826.1	3890.7	3954.5	3986.0	4016.7
15°	3448.8	3536.1	3622.5	3709.8	3796.2	3840.6	3884.3	3928.7	3973.1	3999.8	4025.6
17.5°	3888.3	3920.6	3952.1	3984.4	4016.7	4046.6	4076.5	4106.4	4136.3	4141.2	4146.0
20°	4289.0	4295.5	4301.1	4307.6	4313.2	4250.2	4188.0	4125.0	4062.0	4073.3	4083.8
22.5°	4890.1	4854.5	4819.8	4784.2	4749.5	4630.7	4512.8	4394.0	4276.1	4225.2	4175.1
25°	5794.9	5704.4	5613.9	5523.4	5432.9	5243.9	5055.7	4866.6	4678.4	4567.7	4457.8
27.5°	6086.5	5889.4	5693.1	5496.0	5298.8	5155.8	5013.7	4870.7	4728.5	4553.2	4377.9
30°	6676.3	6365.2	6055.0	5744.0	5432.9	5294.8	5156.7	5017.7	4879.6	4700.2	4521.7
32.5°	7199.0	6875.8	6552.7	6228.7	5905.6	5643.8	5382.1	5120.3	4858.5	4737.4	4616.2
35°	7804.1	7397.7	6991.3	6585.0	6178.6	5954.0	5730.2	5505.7	5281.9	5098.5	4915.9
37.5°	8685.4	8253.2	7821.0	7388.0	6955.8	6652.0	6349.1	6045.3	5742.4	5641.4	5541.2
40°	9525.6	9015.1	8505.3	7994.7	7484.9	7252.3	7019.6	6786.1	6553.5	6383.0	6212.5
42.5°	10229.3	9724.4	9220.3	8715.3	8211.2	8041.6	7872.7	7703.1	7534.2	7393.7	7253.1
45°	10470.8	10058.8	9647.6	9235.6	8823.6	8763.8	8704.8	8645.0	8586.1	8481.9	8377.6
47.5°	10859.4	10439.3	10020.0	9600.0	9179.9	9201.7	9223.5	9246.1	9267.9	9273.6	9278.4
50°	11088.1	10689.0	10290.7	9891.6	9493.3	9599.1	9704.2	9810.0	9915.8	10155.8	10394.9
52.5°	11421.7	11029.9	10638.9	10247.1	9855.2	10034.6	10213.1	10392.5	10571.0	10907.1	11243.2
55°	11840.2	11465.3	11091.3	10716.4	10342.4	10516.9	10690.6	10865.1	11038.8	11412.8	11786.9
57.5°	12395.2	11993.7	11593.0	11191.5	10790.8	10951.5	11111.5	11272.3	11432.2	11787.7	12143.1
60°	13027.0	12590.7	12154.5	11717.4	11281.1	11325.6	11369.2	11413.6	11457.3	11842.6	12227.2
62.5°	13337.2	12933.2	12530.1	12126.2	11722.2	11598.6	11475.0	11350.6	11227.0	11572.0	11916.1
65°	13068.2	12790.2	12513.1	12235.2	11957.3	11739.2	11521.9	11303.8	11085.6	11301.3	11516.2
67.5°	12211.8	12054.3	11897.5	11740.0	11582.5	11216.5	10850.5	10483.8	10117.8	10132.3	10146.1
70°	10823.9	10781.9	10740.7	10698.7	10656.7	10106.5	9557.1	9007.0	8456.8	8372.8	8288.8
72.5°	9065.1	9092.6	9119.3	9146.7	9174.2	8582.8	7991.5	7400.1	6808.8	6669.0	6529.2
75°	7021.2	7173.1	7325.0	7477.7	7629.6	7064.0	6498.5	5932.2	5366.7	5194.6	5022.5
77.5°	4961.1	5244.7	5527.5	5811.0	6094.6	5583.2	5072.6	4561.3	4049.9	3938.4	3826.9
80°	3459.3	3598.3	3737.2	3876.2	4015.1	3758.2	3501.3	3244.4	2987.5	3018.2	3048.1
82.5°	2519.8	2552.1	2583.6	2615.9	2648.2	2543.2	2438.2	2332.3	2227.3	2307.3	2387.3
85°	1614.1	1729.7	1844.4	1959.9	2074.6	1958.3	1842.0	1724.8	1608.5	1661.8	1715.1
87.5°	361.1	571.2	781.2	992.1	1202.1	1089.0	976.7	863.6	750.5	699.6	649.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P368394

CATALOG NUMBER: MSA-SA4B-750-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: P368394

CATALOG NUMBER: MSA-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5
2.5°	2047.2	2090.0	2077.0	2064.9	2052.0	2039.1	2062.5	2085.9	2110.2	2133.6	2125.5
5°	2825.9	2834.0	2757.3	2681.3	2604.6	2527.8	2575.5	2623.2	2670.8	2718.5	2701.5
7.5°	3328.4	3288.0	3243.6	3199.2	3153.9	3109.5	3099.8	3090.1	3079.6	3069.9	3057.0
10°	3732.4	3760.6	3731.6	3703.3	3674.2	3645.1	3577.3	3509.4	3440.7	3372.9	3344.6
12.5°	4048.3	4079.8	4087.0	4093.5	4100.8	4108.0	4032.1	3957.0	3881.0	3805.1	3736.4
15°	4052.3	4079.0	4102.4	4125.0	4148.4	4171.0	4124.2	4078.1	4031.3	3984.4	3962.6
17.5°	4151.7	4156.5	4137.1	4118.5	4099.1	4080.6	4062.0	4044.2	4025.6	4007.9	3973.1
20°	4095.1	4106.4	4104.0	4101.6	4098.3	4095.9	4097.5	4098.3	4100.0	4100.8	4081.4
22.5°	4124.2	4073.3	4083.8	4093.5	4104.0	4113.7	4142.8	4171.9	4201.7	4230.8	4308.4
25°	4347.2	4236.5	4219.5	4203.4	4186.4	4170.2	4246.2	4321.3	4397.3	4473.2	4599.2
27.5°	4201.7	4026.4	3987.7	3948.9	3910.1	3871.3	3986.9	4101.6	4217.1	4332.6	4461.1
30°	4342.3	4163.8	4078.1	3992.5	3906.1	3820.4	3931.1	4041.0	4151.7	4261.5	4403.7
32.5°	4495.0	4373.8	4316.5	4259.9	4202.6	4146.0	4154.9	4163.8	4172.7	4181.6	4381.9
35°	4732.5	4549.1	4492.6	4436.0	4379.5	4322.9	4417.4	4511.2	4605.7	4699.4	4869.1
37.5°	5440.2	5339.2	5237.4	5135.6	5033.0	4931.3	4987.0	5042.7	5098.5	5154.2	5314.2
40°	6042.1	5871.6	5854.7	5838.5	5821.5	5804.6	5809.4	5813.5	5818.3	5823.1	5959.7
42.5°	7111.7	6971.1	6884.7	6798.3	6711.8	6625.4	6619.7	6614.1	6607.6	6601.9	6704.5
45°	8272.6	8168.4	8103.8	8039.1	7973.7	7909.1	7806.5	7703.9	7600.5	7497.9	7587.5
47.5°	9284.1	9289.7	9406.9	9523.2	9640.3	9757.5	9582.2	9406.9	9231.6	9056.3	8940.7
50°	10634.8	10874.0	10902.2	10929.7	10958.0	10986.3	10689.0	10392.5	10095.2	9797.9	9676.7
52.5°	11580.1	11916.1	11872.5	11829.7	11786.1	11742.4	11570.4	11399.1	11227.0	11054.9	10790.8
55°	12161.7	12535.8	12502.6	12470.3	12437.2	12404.1	12278.9	12153.6	12028.4	11903.2	11613.2
57.5°	12498.6	12854.1	12863.8	12873.5	12883.2	12892.8	12859.7	12826.6	12793.5	12760.4	12383.1
60°	12612.5	12997.9	13001.9	13005.1	13009.2	13012.4	12959.9	12907.4	12854.1	12801.6	12555.2
62.5°	12261.1	12605.2	12620.6	12635.1	12650.5	12665.8	12629.5	12593.1	12556.8	12520.4	12337.8
65°	11731.9	11947.6	11951.7	11954.9	11958.9	11963.0	11870.9	11779.6	11687.5	11595.4	11551.8
67.5°	10160.6	10175.2	10260.8	10346.4	10432.1	10517.7	10525.0	10532.2	10540.3	10547.6	10484.6
70°	8204.8	8120.7	8213.6	8306.6	8399.5	8492.4	8531.9	8571.5	8611.9	8651.5	8680.6
72.5°	6388.7	6248.9	6317.6	6386.2	6455.7	6524.4	6465.4	6406.4	6347.5	6288.5	6475.1
75°	4850.5	4678.4	4669.5	4661.4	4652.5	4644.5	4614.6	4584.7	4554.0	4524.1	4698.6
77.5°	3714.6	3603.1	3608.8	3613.6	3619.3	3624.1	3593.4	3563.5	3532.8	3502.1	3569.2
80°	3078.8	3108.7	3109.5	3110.3	3111.1	3111.9	3082.8	3054.6	3025.5	2996.4	2947.9
82.5°	2468.1	2548.0	2547.2	2547.2	2546.4	2545.6	2544.0	2542.4	2540.0	2538.3	2459.2
85°	1768.4	1821.8	1766.8	1711.9	1656.9	1602.0	1642.4	1682.8	1724.0	1764.4	1731.3
87.5°	598.6	548.5	483.1	418.5	353.0	287.6	357.9	428.2	499.3	569.6	609.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P368394

CATALOG NUMBER: MSA-SA4B-750-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: P368394

CATALOG NUMBER: MSA-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5	1755.5
2.5°	2118.2	2110.2	2102.9	2052.0	2000.3	1949.4	1897.7	1991.4	2085.9	2179.6	2273.4
5°	2685.4	2668.4	2652.2	2648.2	2644.2	2639.3	2635.3	2682.9	2730.6	2777.5	2825.1
7.5°	3044.1	3031.1	3018.2	2984.3	2951.2	2917.2	2883.3	2912.4	2940.7	2969.7	2998.0
10°	3317.1	3288.9	3260.6	3187.1	3114.4	3040.8	2967.3	2945.5	2923.7	2901.9	2880.1
12.5°	3667.7	3598.3	3529.6	3446.4	3362.4	3279.2	3195.1	3183.8	3172.5	3162.0	3150.7
15°	3941.6	3919.8	3898.0	3831.7	3765.5	3699.3	3633.0	3544.1	3454.5	3365.6	3276.7
17.5°	3939.2	3904.5	3870.5	3959.4	4047.4	4136.3	4224.4	4129.8	4034.5	3940.0	3845.5
20°	4062.0	4041.8	4022.4	4186.4	4349.6	4513.6	4676.8	4625.1	4572.6	4520.9	4468.3
22.5°	4385.1	4462.7	4539.4	4680.0	4819.8	4960.3	5100.1	5159.1	5218.1	5277.0	5336.0
25°	4724.4	4850.5	4976.5	5185.7	5394.2	5603.4	5812.6	5854.7	5896.7	5938.7	5980.7
27.5°	4588.7	4717.2	4845.6	5004.0	5161.5	5319.8	5477.4	5661.6	5846.6	6030.8	6215.0
30°	4545.1	4687.3	4828.7	5046.0	5262.5	5479.8	5697.1	5950.8	6204.5	6457.3	6711.0
32.5°	4581.4	4781.8	4982.2	5276.2	5569.5	5863.5	6157.6	6424.2	6691.6	6958.2	7224.8
35°	5037.9	5207.5	5376.4	5705.2	6034.0	6362.8	6691.6	7004.3	7316.9	7628.7	7941.4
37.5°	5473.3	5633.3	5793.3	6129.3	6464.6	6800.7	7136.8	7630.4	8124.8	8618.4	9112.0
40°	6095.4	6231.9	6367.7	6655.3	6942.9	7230.5	7518.1	8113.5	8708.9	9304.3	9899.7
42.5°	6806.3	6908.9	7010.7	7308.8	7606.9	7905.0	8203.1	8851.1	9499.8	10147.7	10795.6
45°	7676.4	7766.1	7855.8	8061.0	8266.2	8472.2	8677.4	9345.5	10013.6	10681.7	11349.8
47.5°	8825.2	8709.7	8594.2	8695.1	8796.1	8897.1	8998.1	9658.9	10319.8	10979.8	11640.6
50°	9555.5	9434.3	9313.2	9322.0	9330.1	9339.0	9347.9	9964.3	10580.7	11196.3	11812.7
52.5°	10526.6	10261.6	9997.4	9995.0	9992.6	9989.4	9986.9	10524.2	11062.2	11599.4	12136.7
55°	11323.1	11033.1	10743.1	10686.5	10630.0	10572.6	10516.1	11047.7	11578.4	12110.0	12640.8
57.5°	12005.8	11627.7	11250.4	11161.6	11072.7	10983.8	10895.0	11467.8	12041.3	12614.1	13186.9
60°	12309.6	12063.2	11817.6	11708.5	11599.4	11490.4	11381.3	11869.3	12357.2	12844.4	13332.3
62.5°	12156.1	11973.5	11791.7	11816.8	11841.8	11866.8	11891.9	12170.6	12450.1	12728.8	13007.6
65°	11509.0	11465.3	11422.5	11624.5	11826.5	12028.4	12230.4	12234.4	12238.5	12242.5	12246.5
67.5°	10421.6	10358.5	10295.5	10715.6	11134.9	11555.0	11975.1	11775.6	11576.0	11377.3	11177.7
70°	8708.9	8738.0	8766.2	9338.2	9909.4	10481.3	11053.3	10764.1	10474.1	10184.9	9894.8
72.5°	6661.7	6849.1	7035.8	7628.7	8221.7	8814.7	9407.7	9077.3	8746.0	8415.6	8084.4
75°	4873.1	5047.6	5222.1	5807.8	6393.5	6980.0	7565.7	7173.1	6780.5	6388.7	5996.0
77.5°	3636.2	3704.1	3771.2	4258.3	4744.6	5231.8	5718.1	5323.9	4929.6	4536.2	4142.0
80°	2900.3	2851.8	2804.1	3074.0	3343.8	3613.6	3883.4	3603.9	3323.6	3044.1	2764.5
82.5°	2380.8	2301.6	2223.3	2323.4	2423.6	2524.6	2624.8	2401.0	2177.2	1953.4	1729.7
85°	1698.1	1665.0	1631.9	1661.0	1689.3	1718.3	1747.4	1529.3	1311.2	1093.9	875.7
87.5°	649.5	689.9	730.3	776.4	821.6	867.7	912.9	715.0	517.0	319.9	122.0
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: P368394

CATALOG NUMBER: MSA-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P368394

CATALOG NUMBER: MSA-SA4B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1755.5	1755.5
2.5°	2312.1	2350.9
5°	2824.3	2823.5
7.5°	2985.1	2971.4
10°	2844.5	2809.0
12.5°	3045.7	2939.9
15°	3171.7	3065.9
17.5°	3686.3	3526.4
20°	4278.5	4087.8
22.5°	5046.0	4755.9
25°	5634.1	5286.7
27.5°	6009.0	5802.1
30°	6474.3	6237.6
32.5°	7050.3	6875.0
35°	7781.4	7620.7
37.5°	9061.9	9011.0
40°	9839.1	9777.7
42.5°	10798.0	10799.6
45°	11386.2	11422.5
47.5°	11732.7	11824.0
50°	12009.0	12204.5
52.5°	12404.1	12671.5
55°	12996.3	13350.9
57.5°	13489.1	13791.2
60°	13489.1	13645.0
62.5°	13003.5	12998.7
65°	12171.4	12095.5
67.5°	11082.4	10987.1
70°	9746.2	9596.7
72.5°	7899.4	7713.6
75°	5741.6	5486.3
77.5°	4020.8	3898.8
80°	2823.5	2882.5
82.5°	1813.7	1897.7
85°	862.8	849.9
87.5°	101.8	81.6
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: P368394

CATALOG NUMBER: MSA-SA4B-750-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)