

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: P367866

Luminaire Tested: **MSA-SA3B-750-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367866
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-SA3B-750-U-SLR
Description: MESA POST TOP DECORATIVE LUMINAIRE. (3) 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: 12593 lumens
Efficiency: N/A
Efficacy: 99.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

Input Watts (W): 126
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



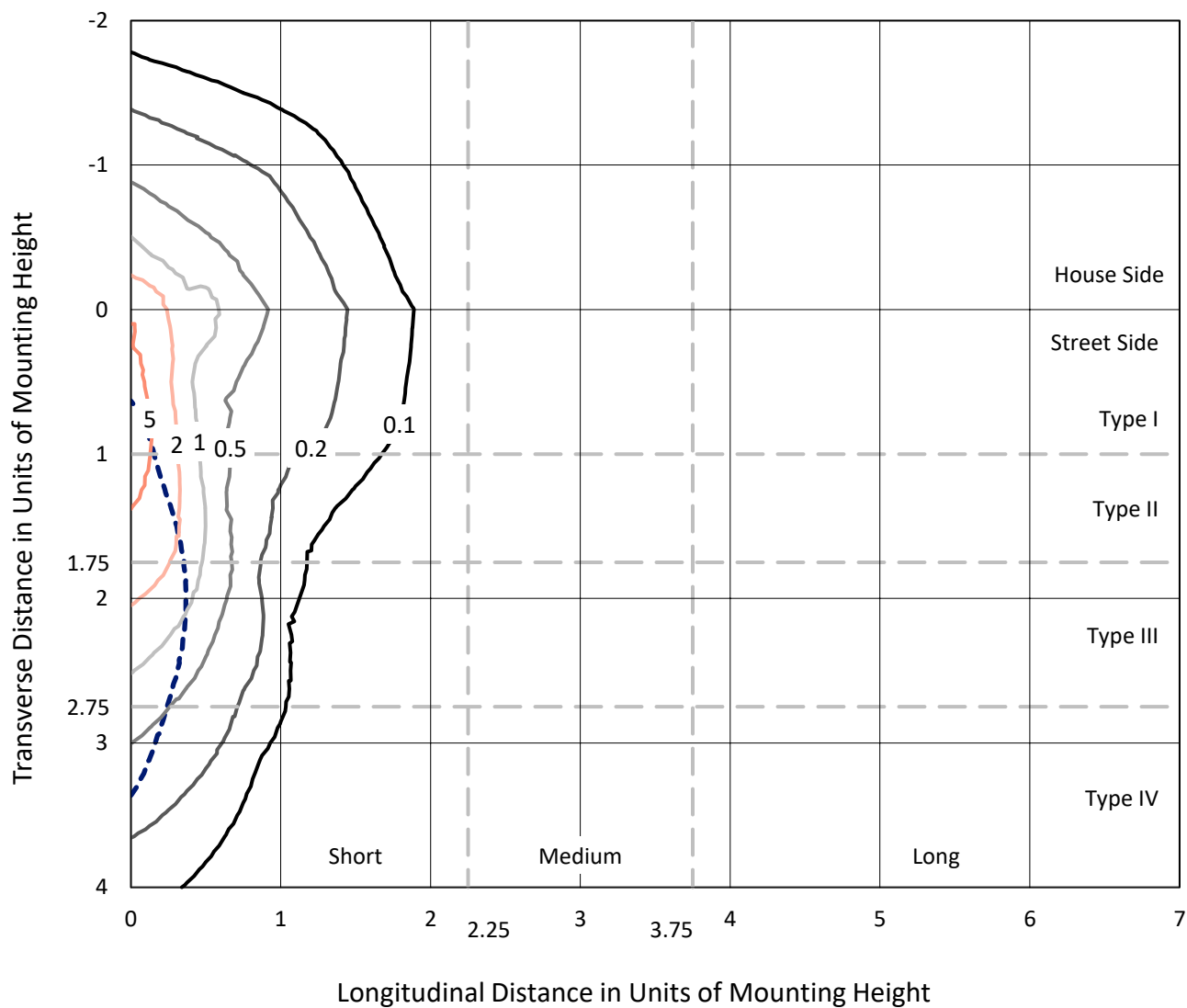
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



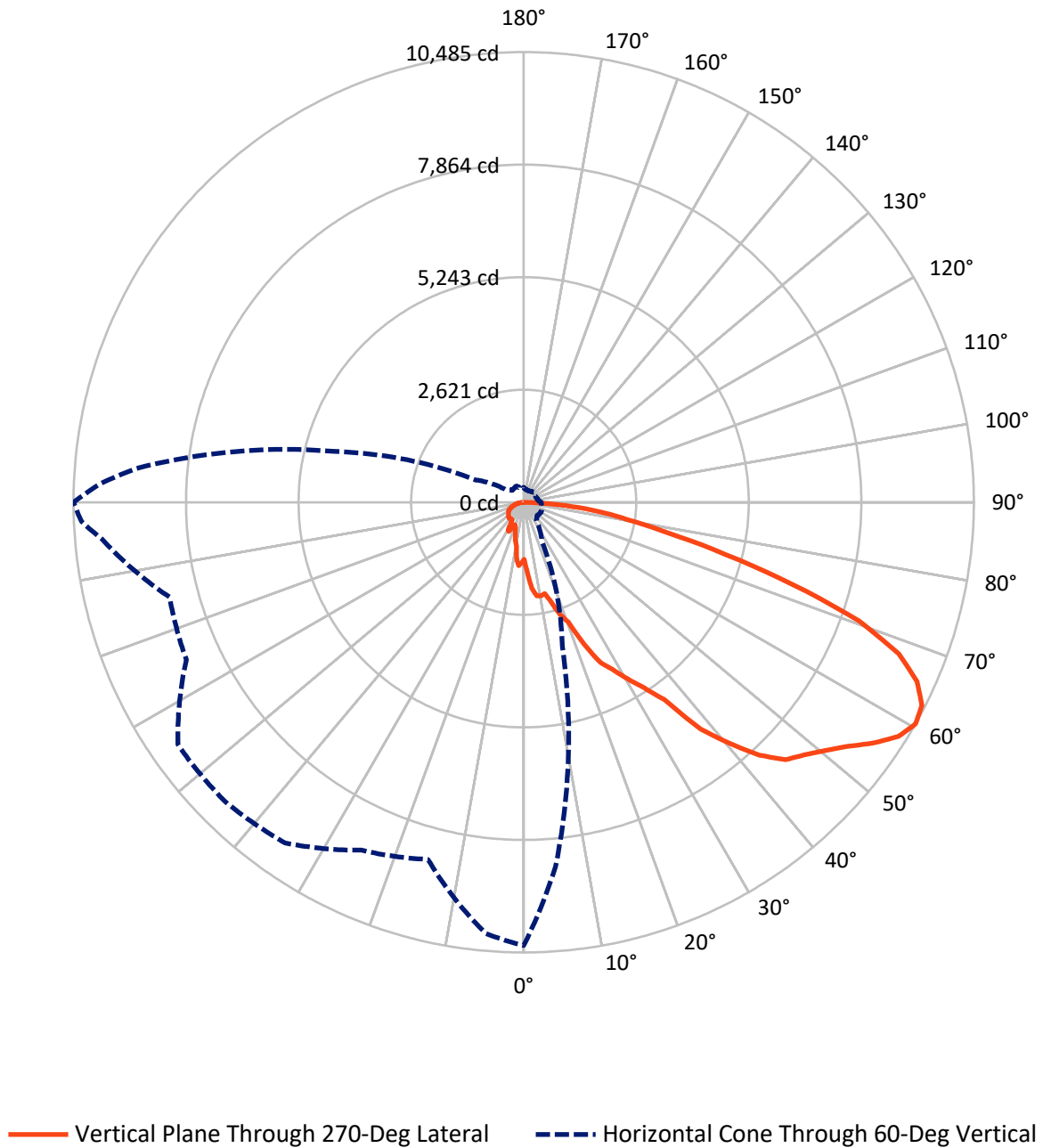
Based on 20 foot mounting height. Maximum calculated value = 8.4 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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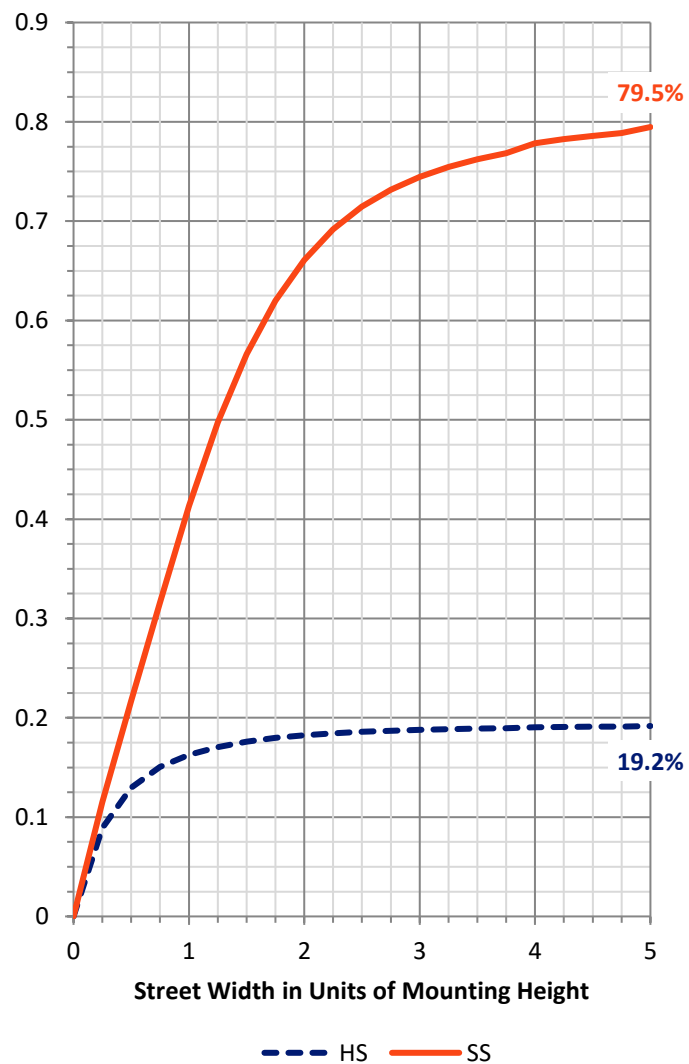
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2439.0	0.0	2439.0
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	10154.0	0.0	10154.0
	% Fixture	80.6	0.0	80.6
Total	Lumens	12593.0	0.0	12593.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.3	1.2
10°-20°	442.5	3.5
20°-30°	781.1	6.2
30°-40°	1216.6	9.7
40°-50°	2002.9	15.9
50°-60°	2858.8	22.7
60°-70°	3031.4	24.1
70°-80°	1674.3	13.3
80°-90°	433.2	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°	12593.0	100.0
0°-180°	12593.0	100.0

Coefficient of Utilization



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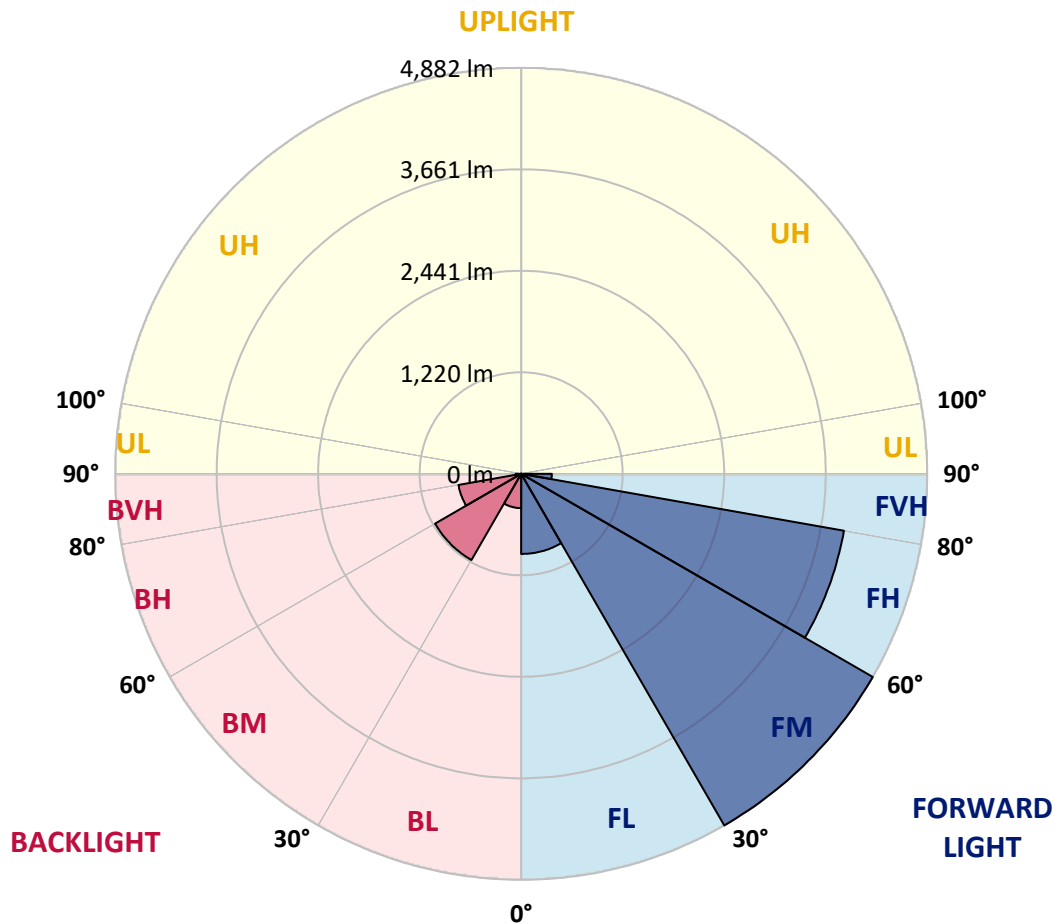
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	963.6	7.7			
FM	(30°-60°)	4881.9	38.8			
FH	(60°-80°)	3940.4	31.3			G2/5000
FVH	(80°-90°)	368.2	2.9			G3/500
BL	(0°-30°)	412.3	3.3	B1/500		
BM	(30°-60°)	1196.4	9.5	B2/2500		
BH	(60°-80°)	765.3	6.1	B2/1000		G2/1000
BVH	(80°-90°)	65.0	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2
2.5°	1778.7	1789.7	1800.1	1779.3	1758.5	1737.2	1716.4	1685.2	1653.4	1622.2	1590.5
5°	2136.3	2096.0	2055.0	2038.5	2022.6	2006.1	1989.6	1974.3	1959.0	1943.1	1927.9
7.5°	2248.2	2190.7	2132.6	2108.2	2083.7	2058.7	2034.2	1979.2	1924.2	1868.6	1813.6
10°	2125.3	2065.4	2004.9	1981.0	1956.6	1932.8	1908.3	1841.1	1774.4	1707.2	1640.0
12.5°	2224.3	2163.2	2101.5	2025.7	1949.9	1873.5	1797.7	1760.4	1723.1	1685.2	1647.9
15°	2319.7	2237.2	2154.0	2078.2	2002.4	1926.0	1850.2	1775.7	1701.1	1626.5	1551.9
17.5°	2668.1	2530.6	2393.0	2256.1	2118.6	1981.7	1844.1	1757.9	1671.1	1585.0	1498.2
20°	3092.9	2901.6	2709.6	2501.8	2293.4	2085.6	1877.1	1768.3	1660.1	1551.3	1442.5
22.5°	3598.4	3357.0	3115.5	2853.3	2591.1	2328.2	2066.0	1908.3	1750.6	1592.3	1434.6
25°	4000.0	3767.7	3535.4	3202.9	2870.4	2537.9	2205.4	2026.3	1847.2	1667.5	1488.4
27.5°	4390.0	4020.2	3649.7	3268.9	2888.7	2507.9	2127.1	1961.5	1795.8	1630.2	1464.5
30°	4719.4	4426.0	4132.6	3635.7	3138.7	2641.2	2144.2	1940.7	1737.2	1533.6	1330.1
32.5°	5201.7	4783.0	4363.7	3845.3	3327.0	2808.7	2290.3	2029.9	1769.6	1509.2	1248.8
35°	5765.9	5330.7	4895.5	4254.3	3613.7	2972.5	2331.3	2055.6	1779.3	1503.7	1227.4
37.5°	6817.8	6050.7	5283.0	4583.1	3883.2	3182.7	2482.9	2162.6	1842.3	1521.4	1201.1
40°	7397.9	6688.8	5979.8	5107.6	4235.3	3362.5	2490.2	2162.6	1834.3	1506.7	1178.5
42.5°	8171.1	7274.4	6377.1	5434.0	4491.4	3548.3	2605.1	2242.0	1879.0	1515.3	1152.2
45°	8642.4	7643.0	6643.0	5635.1	4627.1	3619.2	2611.2	2242.7	1874.1	1505.5	1136.9
47.5°	8946.2	7986.5	7026.2	5941.3	4856.3	3770.8	2685.8	2294.6	1902.8	1511.6	1119.8
50°	9234.1	8283.6	7332.5	6206.0	5080.0	3953.5	2827.0	2399.7	1972.5	1544.6	1117.4
52.5°	9587.4	8712.1	7836.1	6627.7	5418.7	4210.2	3001.2	2536.1	2070.9	1605.7	1140.6
55°	10101.4	9239.0	8375.9	7078.8	5781.1	4484.1	3186.4	2669.9	2154.0	1637.5	1121.0
57.5°	10434.5	9559.9	8685.2	7362.4	6039.7	4716.4	3393.6	2821.5	2249.4	1676.6	1104.5
60°	10323.9	9421.7	8518.9	7257.9	5996.9	4735.9	3474.9	2857.0	2239.6	1621.6	1003.7
62.5°	9834.9	8875.9	7916.8	6787.3	5658.3	4528.7	3399.1	2770.8	2143.0	1514.7	886.3
65°	9151.5	8160.1	7168.1	6149.1	5130.2	4111.2	3092.3	2522.0	1951.1	1380.8	809.9
67.5°	8312.9	7279.3	6245.1	5342.9	4440.7	3537.9	2635.7	2158.9	1682.8	1206.0	729.2
70°	7261.0	6245.1	5229.2	4448.6	3668.1	2887.5	2107.0	1748.2	1390.0	1031.2	672.4
72.5°	5836.2	4959.6	4083.1	3468.8	2854.5	2240.2	1625.9	1376.5	1127.7	878.4	629.0
75°	4151.0	3635.7	3120.4	2642.4	2164.4	1685.8	1207.8	1046.4	885.1	723.7	562.3
77.5°	2949.9	2646.1	2342.3	1967.6	1592.9	1218.2	843.5	748.8	654.6	559.9	465.2
80°	2180.9	1927.3	1673.6	1391.2	1108.8	826.4	544.0	497.6	451.7	405.3	358.8
82.5°	1435.8	1321.5	1206.6	982.9	759.2	535.4	311.7	294.6	277.5	260.4	243.3
85°	643.0	679.1	714.5	577.6	440.1	303.2	165.6	157.7	149.8	141.8	133.9
87.5°	61.7	91.1	120.4	103.3	85.6	68.5	50.7	50.1	50.1	49.5	48.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2
2.5°	1599.0	1607.6	1616.1	1624.7	1615.5	1606.3	1596.6	1587.4	1575.8	1564.2	1551.9
5°	1902.2	1875.9	1850.2	1824.0	1784.8	1745.7	1706.0	1666.9	1662.0	1656.5	1651.6
7.5°	1765.3	1717.6	1669.3	1621.0	1559.9	1499.4	1438.3	1377.1	1358.8	1340.5	1322.1
10°	1607.6	1574.6	1542.2	1509.2	1471.3	1433.4	1394.9	1357.0	1306.8	1256.1	1206.0
12.5°	1594.1	1540.3	1485.9	1432.1	1408.9	1385.7	1362.5	1339.2	1295.2	1251.2	1206.6
15°	1508.6	1464.5	1421.1	1377.1	1343.5	1309.9	1276.3	1242.7	1207.2	1171.1	1135.7
17.5°	1448.0	1397.9	1347.8	1297.7	1259.2	1220.7	1181.5	1143.0	1100.2	1056.8	1014.1
20°	1385.1	1328.2	1270.8	1213.3	1164.4	1116.1	1067.2	1018.3	971.3	924.8	877.7
22.5°	1359.4	1284.2	1209.0	1133.9	1082.5	1030.6	979.2	927.3	883.9	840.5	797.1
25°	1398.5	1309.3	1219.4	1129.6	1060.5	990.8	921.8	852.1	816.0	779.9	743.3
27.5°	1352.7	1240.2	1128.4	1015.9	941.9	867.4	793.4	718.8	713.3	707.8	701.7
30°	1212.1	1094.1	976.2	858.2	790.3	721.9	654.0	585.6	572.7	559.3	546.5
32.5°	1128.4	1007.9	887.5	767.1	706.6	645.5	585.0	523.8	509.2	494.5	479.8
35°	1096.6	965.8	835.0	704.2	652.2	600.2	548.3	496.3	485.9	476.2	465.8
37.5°	1070.9	941.3	811.1	680.9	630.8	580.7	529.9	479.8	471.9	463.9	456.0
40°	1046.4	915.0	783.0	651.0	606.4	562.3	517.7	473.1	468.2	463.3	457.8
42.5°	1024.4	896.7	768.3	640.6	600.9	561.7	522.0	482.3	477.4	472.5	467.6
45°	1012.2	887.5	762.8	638.1	609.4	580.7	551.3	522.6	511.0	499.4	487.2
47.5°	1003.1	886.3	769.6	652.8	622.9	592.9	563.0	533.0	522.6	512.2	501.2
50°	1004.9	893.0	780.6	668.1	632.0	595.4	559.3	522.6	521.4	520.2	518.9
52.5°	1021.4	902.8	783.6	664.4	625.3	586.2	546.5	507.3	515.3	522.6	530.6
55°	997.6	874.1	750.0	626.5	589.2	552.6	515.3	478.0	488.4	498.2	508.6
57.5°	970.7	836.8	702.9	569.1	541.0	512.8	484.1	456.0	467.0	478.6	489.6
60°	881.4	759.2	636.9	514.7	495.7	476.8	457.8	438.9	443.8	448.7	453.5
62.5°	783.6	680.3	577.6	474.3	459.7	444.4	429.7	414.4	414.4	415.0	415.0
65°	721.3	632.6	544.0	455.4	438.9	422.4	405.3	388.8	386.3	383.9	381.4
67.5°	658.9	589.2	518.9	448.7	424.8	401.6	377.7	353.9	350.9	348.4	345.4
70°	610.0	547.7	485.3	423.0	396.1	369.8	342.9	316.0	313.6	311.7	309.3
72.5°	570.3	512.2	453.5	394.9	366.7	338.0	309.9	281.2	279.3	277.5	275.1
75°	510.4	459.0	407.1	355.1	327.6	300.7	273.2	245.7	243.3	241.4	239.0
77.5°	422.4	379.0	336.2	292.8	271.4	250.6	229.2	207.8	206.6	205.4	203.5
80°	325.2	291.6	257.3	223.7	209.7	195.0	180.9	166.3	165.6	165.0	163.8
82.5°	223.1	202.9	182.8	162.6	152.2	141.2	130.8	119.8	120.4	121.0	121.6
85°	127.1	119.8	113.1	105.7	97.2	89.2	80.7	72.1	74.0	75.8	77.0
87.5°	46.5	44.0	41.6	39.1	34.8	31.2	26.9	22.6	23.8	25.7	26.9
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: P367866

CATALOG NUMBER: MSA-SA3B-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: P367866

CATALOG NUMBER: MSA-SA3B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2
2.5°	1540.3	1522.0	1503.7	1485.3	1467.0	1429.1	1391.8	1353.9	1316.0	1339.2	1363.1
5°	1646.1	1614.9	1583.1	1551.9	1520.2	1502.4	1484.7	1467.0	1449.3	1458.4	1468.2
7.5°	1303.8	1285.4	1266.5	1248.2	1229.2	1221.3	1213.9	1206.0	1198.0	1220.7	1243.3
10°	1155.3	1129.6	1103.9	1077.6	1052.0	1036.7	1021.4	1006.1	990.8	996.9	1003.1
12.5°	1162.6	1124.7	1086.8	1048.9	1011.0	988.4	965.8	943.1	920.5	926.0	931.5
15°	1099.6	1060.5	1021.4	982.3	943.1	916.9	890.0	863.7	836.8	827.6	817.8
17.5°	970.7	927.9	885.1	842.3	799.5	781.8	764.1	746.3	728.6	718.8	709.0
20°	830.7	790.9	751.2	711.5	671.8	659.5	647.3	634.5	622.2	616.1	609.4
22.5°	753.7	729.2	704.2	679.7	654.6	640.6	627.1	613.1	599.0	592.3	585.0
25°	707.2	712.1	717.6	722.5	727.4	721.3	714.5	708.4	701.7	704.2	706.0
27.5°	696.2	706.6	717.6	728.0	738.4	743.9	749.4	754.9	760.4	762.2	764.1
30°	533.0	538.5	543.4	548.9	553.8	569.1	584.3	599.0	614.3	638.1	662.6
32.5°	465.2	463.3	461.5	459.0	457.2	460.9	464.5	467.6	471.3	479.8	489.0
35°	455.4	451.1	446.2	441.9	437.0	438.9	440.7	442.5	444.4	451.1	457.8
37.5°	448.0	446.2	445.0	443.2	441.3	445.6	449.3	453.5	457.2	462.7	468.2
40°	452.9	452.3	451.7	450.5	449.9	452.3	454.8	457.2	459.7	467.0	474.3
42.5°	462.7	462.7	462.1	462.1	461.5	463.9	465.8	468.2	470.0	474.3	478.6
45°	475.5	474.3	473.7	472.5	471.3	470.7	470.7	470.0	469.4	471.9	474.9
47.5°	490.8	486.6	481.7	477.4	472.5	471.3	469.4	468.2	466.4	467.6	468.8
50°	517.7	506.1	495.1	483.5	471.9	468.8	465.8	462.7	459.7	459.0	459.0
52.5°	537.9	520.8	503.7	486.6	469.4	463.9	458.4	452.9	447.4	446.2	445.6
55°	518.3	505.5	493.3	480.4	467.6	459.7	451.1	443.2	434.6	432.8	430.9
57.5°	500.6	492.7	484.7	476.8	468.8	460.9	452.3	444.4	435.8	431.5	427.3
60°	458.4	458.4	459.0	459.0	459.0	450.5	441.9	433.4	424.8	420.5	416.9
62.5°	415.0	421.8	427.9	434.6	440.7	429.1	416.9	405.3	393.0	390.0	387.5
65°	379.0	380.8	383.2	385.1	386.9	377.7	368.6	359.4	350.2	348.4	346.0
67.5°	342.3	341.7	341.1	339.9	339.2	333.7	327.6	322.1	316.0	313.6	311.1
70°	306.8	306.2	305.6	304.4	303.8	298.9	294.0	289.1	284.2	282.4	280.6
72.5°	273.2	272.6	271.4	270.8	269.6	265.3	261.6	257.3	253.1	250.6	248.2
75°	236.6	235.3	234.1	232.9	231.7	228.0	224.3	220.0	216.4	213.9	211.5
77.5°	202.3	200.5	198.7	196.2	194.4	191.3	187.7	184.6	180.9	177.9	175.4
80°	163.2	162.0	160.8	158.9	157.7	154.6	151.6	147.9	144.9	141.2	138.1
82.5°	122.2	121.6	120.4	119.8	118.6	115.5	112.5	109.4	106.4	102.7	99.0
85°	78.9	78.2	77.6	77.0	76.4	74.0	72.1	69.7	67.2	63.6	60.5
87.5°	28.1	26.9	26.3	25.1	23.8	23.2	22.0	21.4	20.2	18.3	16.5
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: P367866

CATALOG NUMBER: MSA-SA3B-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: P367866

CATALOG NUMBER: MSA-SA3B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2
2.5°	1386.3	1409.5	1410.1	1410.1	1421.1	1431.5	1410.1	1388.7	1366.7	1345.3	1324.0
5°	1477.4	1486.5	1484.1	1481.0	1467.6	1454.1	1440.1	1426.0	1412.0	1397.9	1398.5
7.5°	1265.9	1288.5	1306.8	1324.6	1307.5	1290.3	1281.2	1272.0	1262.8	1253.7	1252.4
10°	1008.6	1014.7	1022.0	1028.7	1018.3	1007.3	1025.7	1044.0	1061.7	1080.1	1059.9
12.5°	937.0	942.5	929.7	916.3	912.0	907.7	903.4	898.5	894.2	889.4	886.9
15°	808.7	798.9	789.1	778.7	776.3	773.2	770.2	766.5	763.4	759.8	748.8
17.5°	699.3	689.5	673.0	655.9	649.1	641.8	640.0	638.1	635.7	633.9	623.5
20°	603.3	596.6	592.3	587.4	580.7	574.0	567.2	560.5	553.2	546.5	536.7
22.5°	578.2	570.9	565.4	559.3	558.1	556.8	544.6	531.8	519.6	506.7	501.2
25°	708.4	710.3	676.6	642.4	639.4	636.3	614.3	591.7	569.7	547.1	528.1
27.5°	765.3	767.1	765.9	764.7	754.9	744.5	707.2	669.3	632.0	594.1	567.2
30°	686.4	710.3	719.4	728.6	721.9	714.5	675.4	636.9	597.8	558.7	541.0
32.5°	497.6	506.1	521.4	536.1	544.0	551.3	539.1	526.9	514.7	502.4	499.4
35°	463.9	470.7	473.7	476.8	471.9	467.0	457.8	448.7	438.9	429.7	427.9
37.5°	473.1	478.6	484.7	490.8	477.4	463.3	452.9	443.2	432.8	422.4	413.8
40°	481.7	489.0	492.7	496.3	482.9	469.4	456.6	444.4	431.5	418.7	410.1
42.5°	482.9	487.2	493.9	500.6	481.7	462.1	450.5	438.3	426.6	414.4	405.9
45°	477.4	479.8	485.9	492.1	470.0	447.4	437.0	426.0	415.6	404.6	397.3
47.5°	469.4	470.7	475.5	479.8	456.6	432.8	423.0	413.2	402.8	393.0	385.7
50°	458.4	457.8	461.5	464.5	440.7	416.9	407.1	397.9	388.1	378.4	372.2
52.5°	444.4	443.2	446.8	449.9	424.8	399.8	391.2	383.2	374.7	366.1	361.2
55°	428.5	426.6	429.7	432.8	408.3	383.2	375.9	368.0	360.6	352.7	348.4
57.5°	422.4	418.1	419.9	421.8	394.3	366.7	359.4	352.1	344.7	337.4	334.4
60°	412.6	408.3	410.1	411.4	382.0	352.1	345.4	338.0	331.3	324.0	320.9
62.5°	384.5	381.4	383.9	386.3	360.0	333.1	327.0	321.5	315.4	309.3	305.0
65°	344.1	341.7	346.6	351.5	328.8	306.2	302.6	298.9	294.6	291.0	286.7
67.5°	308.7	306.2	311.1	316.0	299.5	283.0	279.3	275.7	272.0	268.3	265.9
70°	278.7	276.9	281.2	285.5	271.4	257.3	253.7	250.6	246.9	243.3	241.4
72.5°	245.1	242.7	248.2	253.1	241.4	229.2	226.2	222.5	219.4	215.8	214.5
75°	209.0	206.6	211.5	215.8	207.8	199.3	196.2	193.2	190.1	187.0	186.4
77.5°	172.4	169.3	174.2	178.5	173.6	168.1	165.6	162.6	160.1	157.1	157.1
80°	134.5	130.8	134.5	137.5	135.7	133.9	132.0	129.6	127.7	125.3	125.9
82.5°	95.4	91.7	93.5	95.4	96.6	97.8	97.8	97.8	97.8	97.8	97.8
85°	56.8	53.2	53.8	54.4	56.2	58.1	58.7	59.3	59.9	60.5	61.1
87.5°	14.7	12.8	11.6	9.8	11.6	12.8	14.1	14.7	15.9	16.5	16.5
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: P367866

CATALOG NUMBER: MSA-SA3B-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: P367866

CATALOG NUMBER: MSA-SA3B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2
2.5°	1302.6	1280.6	1259.2	1272.6	1285.4	1298.9	1311.7	1312.3	1312.3	1313.0	1313.0
5°	1399.7	1400.4	1401.0	1388.1	1375.9	1363.1	1350.2	1343.5	1336.8	1329.5	1322.7
7.5°	1250.6	1249.4	1247.5	1235.3	1223.1	1210.9	1198.6	1169.3	1139.4	1110.0	1080.1
10°	1039.1	1018.9	998.2	993.3	989.0	984.1	979.2	971.3	963.9	956.0	948.0
12.5°	884.5	882.0	879.6	866.7	853.9	840.5	827.6	827.6	827.6	827.6	827.6
15°	737.2	726.2	714.5	708.4	701.7	695.6	688.9	685.8	682.8	679.7	676.6
17.5°	612.5	602.1	591.1	589.9	588.6	587.4	586.2	583.1	580.1	577.0	574.0
20°	526.9	517.1	507.3	511.0	514.7	517.7	521.4	518.3	515.3	511.6	508.6
22.5°	495.1	489.6	483.5	480.4	477.4	473.7	470.7	470.7	471.3	471.3	471.3
25°	509.8	490.8	471.9	462.7	453.5	443.8	434.6	430.9	427.9	424.2	420.5
27.5°	540.3	512.8	485.9	470.0	454.2	438.3	422.4	415.6	408.3	401.6	394.3
30°	522.6	504.9	486.6	468.2	449.9	431.5	413.2	404.6	396.1	386.9	378.4
32.5°	496.3	492.7	489.6	472.5	455.4	437.7	420.5	416.9	413.8	410.1	406.5
35°	425.4	423.6	421.1	416.9	412.6	408.3	404.0	399.1	394.3	389.4	384.5
37.5°	405.9	397.3	388.8	386.9	385.1	383.2	381.4	379.6	377.7	375.3	373.5
40°	401.6	393.0	384.5	381.4	378.4	374.7	371.6	372.2	373.5	374.1	374.7
42.5°	396.7	388.1	379.0	376.5	374.1	371.6	369.2	369.8	371.0	371.6	372.2
45°	390.6	383.2	375.9	371.6	368.0	363.7	359.4	363.1	366.7	369.8	373.5
47.5°	378.4	370.4	363.1	360.6	358.2	355.1	352.7	356.4	360.0	363.1	366.7
50°	365.5	359.4	352.7	352.1	351.5	350.2	349.6	352.1	354.5	357.0	359.4
52.5°	355.7	350.9	345.4	345.4	344.7	344.7	344.1	346.6	349.0	350.9	353.3
55°	344.7	340.5	336.2	336.8	338.0	338.6	339.2	341.7	344.7	347.2	349.6
57.5°	330.7	327.6	324.0	326.4	328.2	330.7	332.5	334.4	336.8	338.6	340.5
60°	317.2	314.2	310.5	313.0	316.0	318.5	320.9	322.7	324.6	326.4	328.2
62.5°	300.7	295.8	291.6	295.2	298.3	302.0	305.0	306.2	308.1	309.3	310.5
65°	283.0	278.7	274.4	276.9	279.3	281.2	283.6	285.5	287.3	289.1	291.0
67.5°	262.8	260.4	257.3	259.2	261.0	262.8	264.7	265.3	265.3	265.9	265.9
70°	239.0	237.2	234.7	235.9	237.8	239.0	240.2	240.2	240.2	239.6	239.6
72.5°	213.9	212.7	211.5	212.1	213.3	213.9	214.5	213.9	213.3	212.7	212.1
75°	185.8	185.2	184.6	185.2	186.4	187.0	187.7	187.0	185.8	185.2	184.0
77.5°	157.7	157.7	157.7	157.7	158.3	158.3	158.3	157.1	155.9	154.6	153.4
80°	126.5	127.1	127.7	127.7	127.7	127.7	127.7	126.5	125.3	123.5	122.2
82.5°	97.8	97.8	97.8	97.8	98.4	98.4	98.4	95.4	92.9	89.9	86.8
85°	61.1	61.7	61.7	62.3	63.0	63.0	63.6	59.3	55.6	51.3	47.1
87.5°	16.5	16.5	16.5	16.5	16.5	15.9	15.9	12.2	7.9	4.3	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: P367866

CATALOG NUMBER: MSA-SA3B-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: P367866

CATALOG NUMBER: MSA-SA3B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2
2.5°	1316.6	1320.3	1323.3	1327.0	1327.6	1328.2	1328.2	1328.8	1316.0	1303.2	1289.7
5°	1331.9	1340.5	1349.6	1358.2	1356.4	1354.5	1352.7	1350.8	1347.2	1344.1	1340.5
7.5°	1073.3	1067.2	1060.5	1053.8	1059.3	1064.8	1070.3	1075.8	1078.2	1080.7	1082.5
10°	932.8	917.5	902.2	886.9	878.4	869.2	860.6	851.5	850.2	849.6	848.4
12.5°	811.7	795.2	779.3	762.8	757.9	752.4	747.6	742.1	746.9	751.8	756.1
15°	669.9	663.8	657.1	650.4	655.9	661.4	666.9	672.4	677.3	681.5	686.4
17.5°	570.9	568.5	565.4	562.3	567.2	572.7	577.6	582.5	593.5	604.5	615.5
20°	506.1	504.3	501.8	499.4	497.6	495.1	493.3	490.8	506.7	522.0	537.9
22.5°	467.6	463.9	460.3	456.6	457.2	457.8	457.8	458.4	471.3	484.7	497.6
25°	419.3	418.1	416.9	415.6	419.3	423.0	426.0	429.7	441.3	452.9	463.9
27.5°	394.9	395.5	396.1	396.7	401.6	407.1	412.0	416.9	424.8	432.8	440.7
30°	381.4	385.1	388.1	391.2	393.0	394.9	396.7	398.5	406.5	413.8	421.8
32.5°	401.6	396.7	391.2	386.3	388.8	391.8	394.3	396.7	404.0	411.4	418.7
35°	382.6	380.2	378.4	375.9	379.0	382.0	384.5	387.5	394.3	400.4	407.1
37.5°	372.9	372.2	371.6	371.0	372.9	374.7	375.9	377.7	383.9	390.0	395.5
40°	372.2	369.2	366.7	363.7	365.5	367.4	368.6	370.4	377.7	385.1	392.4
42.5°	368.6	364.9	360.6	357.0	358.8	361.2	363.1	364.9	372.9	380.2	388.1
45°	368.0	362.5	356.4	350.9	353.3	355.7	358.2	360.6	366.7	372.9	378.4
47.5°	361.2	355.7	350.2	344.7	346.0	347.2	347.8	349.0	354.5	359.4	364.9
50°	355.7	351.5	347.8	343.5	341.7	340.5	338.6	336.8	341.1	345.4	349.6
52.5°	349.0	344.7	339.9	335.6	333.1	330.7	328.2	325.8	329.5	332.5	336.2
55°	344.7	339.2	334.4	328.8	325.8	322.7	319.7	316.6	319.1	320.9	323.3
57.5°	335.6	330.7	325.2	320.3	316.6	313.0	308.7	305.0	306.2	307.5	308.7
60°	323.3	317.8	313.0	307.5	303.2	298.9	294.0	289.7	290.3	291.6	292.2
62.5°	305.6	300.7	295.2	290.3	285.5	281.2	276.3	271.4	272.6	273.2	274.4
65°	286.1	280.6	275.7	270.2	265.9	261.6	256.7	252.4	253.7	254.9	255.5
67.5°	262.2	257.9	254.3	250.0	246.3	242.1	238.4	234.1	234.7	235.3	235.9
70°	236.6	232.9	229.8	226.2	223.1	220.0	217.0	213.9	213.9	214.5	214.5
72.5°	209.0	206.0	202.9	199.9	196.8	194.4	191.3	188.3	189.5	190.7	191.3
75°	180.9	178.5	175.4	172.4	169.9	167.5	164.4	162.0	163.2	164.4	165.0
77.5°	151.6	149.8	147.3	145.5	143.0	140.6	137.5	135.1	136.3	137.5	138.1
80°	121.0	119.8	118.0	116.7	114.3	111.9	109.4	107.0	107.6	107.6	108.2
82.5°	87.4	88.0	88.0	88.6	86.8	84.4	82.5	80.1	80.1	80.1	79.5
85°	48.9	51.3	53.2	55.0	53.2	51.3	49.5	47.7	47.1	47.1	46.5
87.5°	1.8	3.1	4.9	6.1	5.5	4.9	3.7	3.1	3.7	4.3	4.3
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: P367866

CATALOG NUMBER: MSA-SA3B-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: P367866

CATALOG NUMBER: MSA-SA3B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2
2.5°	1276.9	1287.3	1297.7	1308.1	1318.5	1334.3	1350.2	1366.7	1383.2	1374.1	1364.3
5°	1336.8	1342.9	1349.6	1355.7	1361.9	1379.6	1396.7	1418.1	1438.9	1436.4	1433.4
7.5°	1085.0	1093.5	1102.1	1110.0	1118.6	1145.5	1172.4	1195.0	1217.6	1214.5	1210.9
10°	847.2	864.9	883.2	901.0	918.7	940.7	962.1	981.0	1000.0	1031.8	1063.0
12.5°	761.0	788.5	816.0	843.5	871.0	886.9	902.2	926.6	951.1	968.2	985.9
15°	690.7	716.4	742.1	767.7	793.4	794.6	795.8	821.5	847.2	861.9	875.9
17.5°	626.5	640.6	654.6	668.1	682.1	677.3	672.4	684.6	696.2	702.3	709.0
20°	553.2	563.0	572.7	582.5	592.3	599.0	605.1	612.5	619.2	613.1	606.4
22.5°	510.4	525.1	540.3	555.0	569.7	574.0	577.6	573.3	569.1	567.2	565.4
25°	475.5	493.3	511.6	529.3	547.1	555.6	564.2	567.8	570.9	564.2	557.5
27.5°	448.7	470.0	490.8	512.2	533.0	548.3	563.6	567.8	571.5	566.6	561.1
30°	429.1	452.3	475.5	498.8	522.0	545.2	567.8	588.0	607.6	605.7	603.9
32.5°	426.0	441.9	457.8	473.7	489.6	504.3	518.3	519.6	520.2	515.3	509.8
35°	413.2	423.6	434.0	444.4	454.8	463.9	472.5	471.3	470.0	465.2	460.3
37.5°	401.6	412.0	423.0	433.4	443.8	459.7	474.9	471.9	468.2	463.3	458.4
40°	399.8	411.4	423.0	434.0	445.6	460.3	474.9	471.9	468.8	462.7	456.6
42.5°	395.5	407.1	418.1	429.7	440.7	458.4	475.5	470.0	463.9	459.0	454.2
45°	384.5	394.9	405.3	415.6	426.0	445.0	463.9	457.2	450.5	448.7	446.2
47.5°	369.8	380.2	390.6	401.0	411.4	430.3	448.7	443.2	437.0	436.4	435.2
50°	353.9	363.7	374.1	383.9	393.6	412.6	430.9	426.0	421.1	421.8	421.8
52.5°	339.2	348.4	357.0	366.1	374.7	393.6	412.0	408.3	404.0	405.3	405.9
55°	325.2	332.5	339.9	347.2	354.5	372.9	391.2	385.7	380.2	382.0	383.9
57.5°	309.9	316.0	322.1	327.6	333.7	352.1	369.8	363.7	357.0	360.0	362.5
60°	292.8	298.3	303.8	308.7	314.2	330.7	346.6	341.1	335.0	339.2	342.9
62.5°	275.1	279.3	283.6	287.9	292.2	307.5	322.7	318.5	314.2	319.1	323.3
65°	256.7	259.8	263.4	266.5	269.6	284.2	298.3	295.2	292.2	296.5	300.7
67.5°	236.6	239.0	242.1	244.5	246.9	260.4	273.8	270.8	267.1	270.8	273.8
70°	214.5	217.0	218.8	221.3	223.1	235.3	247.6	243.3	238.4	242.1	245.1
72.5°	192.5	193.8	195.6	196.8	198.0	207.2	216.4	212.7	209.0	212.7	215.8
75°	166.3	167.5	168.7	169.9	171.1	179.1	186.4	182.2	177.3	180.9	184.6
77.5°	139.4	140.0	141.2	141.8	142.4	147.9	152.8	148.5	143.6	147.9	152.2
80°	108.2	108.8	109.4	109.4	110.0	111.9	113.7	110.6	107.0	112.5	118.0
82.5°	79.5	78.9	78.9	78.2	77.6	77.6	77.0	75.2	72.7	77.6	82.5
85°	45.8	45.2	44.0	43.4	42.2	40.3	38.5	37.9	37.3	41.6	45.8
87.5°	4.9	4.3	3.1	2.4	1.2	0.6	0.0	0.0	0.0	2.4	5.5
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: P367866

CATALOG NUMBER: MSA-SA3B-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: P367866

CATALOG NUMBER: MSA-SA3B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2
2.5°	1355.1	1345.3	1336.2	1327.0	1317.8	1308.7	1325.8	1342.9	1360.0	1377.1	1392.4
5°	1430.9	1427.9	1419.9	1412.6	1404.6	1396.7	1401.0	1405.9	1410.1	1414.4	1423.6
7.5°	1207.8	1204.2	1221.3	1237.8	1254.9	1271.4	1275.7	1279.3	1283.6	1287.3	1284.8
10°	1094.7	1125.9	1133.9	1141.2	1149.1	1156.5	1168.7	1180.9	1192.5	1204.8	1211.5
12.5°	1003.1	1020.2	1048.3	1077.0	1105.1	1133.2	1151.6	1169.9	1188.3	1206.6	1244.5
15°	890.6	904.6	926.0	947.4	968.8	990.2	1016.5	1043.4	1069.7	1096.0	1137.5
17.5°	715.2	721.3	737.2	753.1	768.3	784.2	819.7	854.5	890.0	924.8	972.5
20°	600.2	593.5	593.5	594.1	594.1	594.1	629.6	664.4	699.9	734.7	797.7
22.5°	563.0	561.1	554.4	547.1	540.3	533.0	551.3	570.3	588.6	607.0	658.3
25°	550.1	543.4	534.8	526.3	517.7	509.2	520.8	532.4	544.0	555.6	596.0
27.5°	556.2	550.7	555.0	558.7	563.0	566.6	570.3	574.0	577.6	581.3	595.4
30°	602.1	600.2	607.0	613.1	619.8	625.9	617.4	609.4	600.9	592.3	597.2
32.5°	504.9	499.4	496.9	494.5	492.1	489.6	489.0	488.4	487.2	486.6	497.6
35°	455.4	450.5	446.8	443.2	438.9	435.2	437.0	438.3	440.1	441.3	453.5
37.5°	453.5	448.7	444.4	440.1	435.2	430.9	432.8	435.2	437.0	438.9	448.0
40°	450.5	444.4	441.9	439.5	437.0	434.6	435.8	437.0	437.7	438.9	445.6
42.5°	448.7	443.8	442.5	441.3	440.1	438.9	440.1	441.3	441.9	443.2	451.1
45°	444.4	441.9	443.2	444.4	445.6	446.8	446.8	446.8	446.8	446.8	455.4
47.5°	434.6	433.4	437.0	440.7	444.4	448.0	454.2	460.3	465.8	471.9	473.7
50°	422.4	422.4	428.5	434.6	440.1	446.2	460.9	474.9	489.6	503.7	494.5
52.5°	407.1	407.7	416.9	425.4	434.6	443.2	456.6	470.0	482.9	496.3	482.9
55°	385.1	386.9	398.5	409.5	421.1	432.1	442.5	452.9	463.3	473.7	459.7
57.5°	365.5	368.0	380.2	391.8	404.0	415.6	421.8	428.5	434.6	440.7	431.5
60°	347.2	350.9	366.7	382.6	397.9	413.8	408.9	404.0	398.5	393.6	393.0
62.5°	328.2	332.5	347.2	361.9	375.9	390.6	383.2	375.9	368.0	360.6	363.7
65°	304.4	308.7	315.4	322.1	328.2	335.0	334.4	334.4	333.7	333.1	339.2
67.5°	277.5	280.6	284.8	288.5	292.8	296.5	298.9	302.0	304.4	306.8	314.2
70°	248.8	251.8	256.1	259.8	264.1	267.7	270.8	273.8	276.3	279.3	286.7
72.5°	219.4	222.5	226.8	231.1	234.7	239.0	241.4	243.9	245.7	248.2	254.3
75°	188.3	191.9	196.2	199.9	204.2	207.8	209.7	211.5	213.3	215.2	220.7
77.5°	156.5	160.8	165.0	169.3	173.6	177.9	178.5	179.1	179.7	180.3	185.2
80°	122.9	128.4	132.6	136.9	141.2	145.5	145.5	145.5	145.5	145.5	147.9
82.5°	87.4	92.3	97.2	101.5	106.4	110.6	110.6	110.0	110.0	109.4	109.4
85°	50.1	54.4	57.5	61.1	64.2	67.2	67.2	67.2	66.6	66.6	65.4
87.5°	7.9	10.4	11.6	13.4	14.7	15.9	15.3	15.3	14.7	14.1	12.2
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: P367866

CATALOG NUMBER: MSA-SA3B-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: P367866

CATALOG NUMBER: MSA-SA3B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2
2.5°	1407.7	1423.0	1438.3	1435.8	1433.4	1430.9	1428.5	1437.6	1446.2	1455.4	1463.9
5°	1432.1	1441.3	1449.9	1456.6	1463.3	1470.0	1476.8	1507.9	1538.5	1569.7	1600.2
7.5°	1282.4	1279.3	1276.9	1305.6	1335.0	1363.7	1392.4	1432.1	1471.9	1511.6	1551.3
10°	1218.2	1224.9	1231.7	1243.3	1255.5	1267.1	1278.7	1317.8	1357.0	1396.1	1435.2
12.5°	1281.8	1319.7	1357.0	1366.1	1375.9	1385.1	1394.2	1402.2	1410.1	1417.5	1425.4
15°	1179.1	1220.7	1262.2	1286.1	1309.9	1333.1	1357.0	1416.9	1476.2	1536.1	1595.3
17.5°	1019.6	1067.2	1114.3	1173.0	1231.7	1290.3	1349.0	1404.0	1459.0	1513.4	1568.5
20°	860.6	923.0	985.9	1050.1	1113.7	1177.9	1241.4	1295.2	1349.0	1402.2	1456.0
22.5°	709.0	760.4	811.1	889.4	967.0	1045.2	1122.9	1223.1	1322.7	1423.0	1522.6
25°	635.7	676.0	715.8	796.5	877.1	957.2	1037.9	1168.1	1297.7	1427.9	1557.4
27.5°	610.0	624.1	638.1	711.5	784.2	857.6	930.3	1070.9	1211.5	1351.5	1492.0
30°	602.1	607.0	611.9	669.3	726.8	784.2	841.7	980.4	1119.8	1258.6	1397.3
32.5°	507.9	518.9	529.3	585.6	641.2	697.4	753.1	893.0	1032.4	1172.4	1311.7
35°	465.8	478.0	490.2	545.2	600.2	654.6	709.7	857.0	1004.9	1152.2	1299.5
37.5°	457.2	466.4	475.5	537.9	600.2	662.6	724.9	874.1	1023.2	1172.4	1321.5
40°	452.9	459.7	466.4	526.9	588.0	648.5	709.0	865.5	1021.4	1177.9	1333.7
42.5°	458.4	466.4	473.7	528.7	583.1	638.1	692.5	854.5	1015.9	1177.9	1339.2
45°	463.3	471.9	479.8	531.2	582.5	633.9	685.2	858.2	1030.6	1203.5	1375.9
47.5°	474.9	476.8	478.0	522.6	566.6	611.2	655.3	831.3	1007.3	1182.8	1358.8
50°	484.7	475.5	465.8	512.2	558.1	604.5	650.4	817.2	984.1	1150.4	1317.2
52.5°	469.4	455.4	441.9	492.1	542.2	591.7	641.8	808.7	976.2	1143.0	1309.9
55°	446.2	432.1	418.1	468.8	519.6	570.3	621.0	787.3	954.2	1120.4	1286.7
57.5°	423.0	413.8	404.6	446.2	488.4	529.9	571.5	751.8	931.5	1111.9	1291.6
60°	392.4	391.2	390.6	423.0	456.0	488.4	520.8	697.4	873.5	1050.1	1226.2
62.5°	366.1	369.2	371.6	397.9	424.2	449.9	476.2	646.7	817.8	988.4	1158.9
65°	346.0	352.1	358.2	388.1	418.1	447.4	477.4	620.4	763.4	906.5	1049.5
67.5°	321.5	328.8	336.2	375.3	414.4	453.5	492.7	610.6	728.6	846.6	964.5
70°	293.4	300.7	307.5	357.6	407.1	457.2	506.7	611.2	716.4	820.9	925.4
72.5°	260.4	266.5	272.6	326.4	380.2	434.0	487.8	576.4	665.0	753.1	841.7
75°	226.8	232.3	237.8	284.2	330.7	377.1	423.6	492.1	559.9	628.4	696.2
77.5°	189.5	194.4	198.7	229.8	261.0	292.2	323.3	375.9	427.9	480.4	532.4
80°	150.4	152.8	155.3	173.6	191.3	209.7	227.4	262.2	297.1	331.3	366.1
82.5°	110.0	110.0	110.0	121.6	133.9	145.5	157.1	174.8	191.9	209.7	226.8
85°	64.2	62.3	61.1	69.1	77.0	85.0	92.9	100.2	107.6	114.9	122.2
87.5°	10.4	7.9	6.1	11.0	15.9	20.8	25.7	28.1	31.2	33.6	36.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P367866

CATALOG NUMBER: MSA-SA3B-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: P367866

CATALOG NUMBER: MSA-SA3B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2
2.5°	1443.1	1423.0	1402.2	1381.4	1412.0	1442.5	1473.1	1503.7	1585.0	1633.2	1636.3
5°	1625.9	1651.6	1677.3	1702.9	1728.6	1754.3	1779.3	1805.0	1937.0	2018.3	2033.6
7.5°	1593.5	1636.3	1678.5	1720.7	1793.4	1866.1	1938.9	2011.6	2123.5	2204.1	2257.3
10°	1487.8	1540.3	1592.9	1645.5	1731.7	1818.5	1904.6	1990.8	2109.4	2215.8	2266.5
12.5°	1509.2	1592.9	1676.0	1759.8	1834.3	1909.5	1984.1	2058.7	2140.6	2180.9	2273.2
15°	1653.4	1711.5	1769.6	1827.6	1940.1	2051.9	2164.4	2276.3	2322.7	2415.0	2498.2
17.5°	1675.4	1781.8	1888.7	1995.1	2132.6	2270.2	2407.7	2545.2	2631.4	2750.6	2850.8
20°	1607.0	1757.3	1908.3	2058.7	2235.9	2413.8	2591.1	2768.3	2877.7	2978.0	3133.2
22.5°	1688.9	1855.1	2020.8	2187.0	2422.4	2657.1	2892.4	3127.1	3355.7	3579.4	3684.6
25°	1779.3	2001.8	2223.7	2445.6	2739.6	3033.0	3327.0	3620.4	3914.4	4124.1	4245.1
27.5°	1715.8	1938.9	2162.6	2385.7	2749.4	3113.7	3477.4	3841.1	4155.8	4408.3	4512.2
30°	1671.1	1945.0	2218.8	2492.7	2919.3	3345.9	3772.6	4199.2	4490.2	4772.0	4924.8
32.5°	1663.2	2014.7	2365.5	2717.0	3213.9	3710.3	4207.2	4703.5	4896.7	5146.7	5352.7
35°	1685.2	2071.5	2457.2	2842.9	3412.6	3982.3	4551.3	5121.0	5395.5	5643.0	5823.3
37.5°	1752.4	2183.4	2613.7	3044.6	3731.0	4418.1	5104.5	5790.9	6251.2	6704.1	6784.8
40°	1790.3	2247.5	2704.1	3160.7	3959.0	4757.3	5555.6	6353.9	6883.2	7380.2	7413.8
42.5°	1835.0	2330.7	2825.8	3321.5	4206.6	5092.3	5977.4	6862.4	7517.7	8051.9	8067.8
45°	1886.3	2396.1	2906.5	3416.2	4340.4	5264.0	6188.2	7111.8	7904.0	8553.1	8394.8
47.5°	1906.5	2454.8	3002.4	3550.1	4535.4	5520.1	6505.5	7490.2	8201.1	8791.5	8639.9
50°	1914.4	2512.2	3109.4	3706.6	4727.4	5748.7	6769.5	7790.3	8513.4	9089.2	8856.9
52.5°	1963.9	2618.0	3272.0	3926.0	4989.6	6053.1	7116.7	8180.3	8891.8	9444.9	9156.4
55°	2030.6	2774.4	3517.7	4261.6	5362.4	6462.7	7563.5	8663.8	9377.7	9892.4	9534.8
57.5°	2092.3	2893.6	3694.4	4495.1	5635.7	6776.9	7917.4	9058.0	9781.1	10290.3	9943.7
60°	2062.3	2898.5	3734.7	4570.9	5691.9	6812.3	7933.3	9053.7	9874.6	10485.3	10308.0
62.5°	1971.9	2784.8	3597.2	4410.1	5474.3	6537.9	7602.0	8665.6	9626.5	10409.5	10401.5
65°	1797.7	2545.8	3293.4	4041.5	5026.3	6011.6	6996.3	7981.0	9113.6	10064.7	10126.5
67.5°	1585.6	2206.6	2827.6	3448.6	4375.9	5303.2	6230.4	7157.7	8368.5	9418.0	9471.2
70°	1380.2	1835.6	2290.3	2745.1	3559.3	4373.5	5187.0	6001.2	7224.3	8286.0	8334.9
72.5°	1139.4	1437.0	1734.1	2031.8	2691.3	3350.8	4009.8	4669.3	5743.2	6559.9	6835.5
75°	872.9	1049.5	1226.2	1402.8	1936.4	2470.0	3003.0	3536.7	4250.6	4853.3	5163.8
77.5°	624.1	715.8	807.5	899.1	1352.7	1806.2	2259.2	2712.7	3088.0	3429.7	3639.3
80°	409.5	452.3	495.7	538.5	915.6	1292.8	1669.3	2046.4	2275.1	2458.4	2564.2
82.5°	248.2	269.6	290.3	311.7	617.4	923.0	1228.0	1533.6	1664.4	1751.8	1846.0
85°	133.9	145.5	157.1	168.7	364.9	560.5	756.7	952.3	965.2	975.5	1115.5
87.5°	39.1	42.8	45.8	48.9	80.7	113.1	144.9	176.6	110.0	68.5	140.6
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: P367866

CATALOG NUMBER: MSA-SA3B-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: P367866

CATALOG NUMBER: MSA-SA3B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2
2.5°	1618.6	1610.6	1602.7	1594.1	1586.2	1552.6	1519.6	1485.9	1452.3	1484.7	1516.5
5°	2015.9	2040.3	2064.2	2088.6	2113.1	2114.9	2116.1	2118.0	2119.2	2125.3	2131.4
7.5°	2301.9	2345.3	2388.1	2431.5	2474.9	2508.5	2542.2	2576.4	2610.0	2579.4	2548.9
10°	2326.4	2418.1	2509.8	2601.5	2693.1	2709.6	2725.5	2742.0	2758.5	2780.5	2801.9
12.5°	2350.8	2462.7	2573.9	2685.8	2797.7	2846.6	2894.9	2943.8	2992.0	3015.9	3039.1
15°	2609.4	2675.4	2740.8	2806.8	2872.2	2905.9	2938.9	2972.5	3006.1	3026.3	3045.8
17.5°	2941.9	2966.4	2990.2	3014.7	3039.1	3061.7	3084.3	3107.0	3129.6	3133.2	3136.9
20°	3245.1	3250.0	3254.3	3259.2	3263.4	3215.8	3168.7	3121.0	3073.3	3081.9	3089.8
22.5°	3699.9	3673.0	3646.7	3619.8	3593.5	3503.7	3414.4	3324.6	3235.3	3196.8	3158.9
25°	4384.5	4316.0	4247.5	4179.1	4110.6	3967.6	3825.2	3682.1	3539.7	3456.0	3372.8
27.5°	4605.1	4456.0	4307.4	4158.3	4009.1	3901.0	3793.4	3685.2	3577.6	3445.0	3312.3
30°	5051.3	4816.0	4581.3	4345.9	4110.6	4006.1	3901.6	3796.4	3691.9	3556.2	3421.1
32.5°	5446.8	5202.3	4957.8	4712.7	4468.2	4270.2	4072.1	3874.1	3676.0	3584.3	3492.6
35°	5904.6	5597.2	5289.7	4982.2	4674.8	4504.9	4335.6	4165.6	3996.3	3857.6	3719.4
37.5°	6571.5	6244.5	5917.5	5589.8	5262.8	5033.0	4803.8	4573.9	4344.7	4268.3	4192.5
40°	7207.2	6820.9	6435.2	6048.9	5663.2	5487.1	5311.1	5134.4	4958.4	4829.4	4700.5
42.5°	7739.6	7357.5	6976.1	6594.1	6212.7	6084.3	5956.6	5828.2	5700.5	5594.1	5487.7
45°	7922.3	7610.6	7299.5	6987.7	6676.0	6630.8	6586.2	6540.9	6496.3	6417.5	6338.6
47.5°	8216.3	7898.5	7581.3	7263.4	6945.6	6962.1	6978.6	6995.7	7012.2	7016.5	7020.1
50°	8389.3	8087.4	7786.0	7484.1	7182.7	7262.8	7342.3	7422.3	7502.4	7683.9	7864.9
52.5°	8641.8	8345.3	8049.5	7753.0	7456.6	7592.3	7727.3	7863.0	7998.1	8252.4	8506.7
55°	8958.4	8674.8	8391.8	8108.2	7825.1	7957.2	8088.6	8220.6	8352.0	8635.0	8918.1
57.5°	9378.3	9074.5	8771.4	8467.6	8164.4	8286.0	8407.1	8528.7	8649.7	8918.7	9187.6
60°	9856.3	9526.2	9196.2	8865.5	8535.4	8569.0	8602.0	8635.7	8668.7	8960.2	9251.2
62.5°	10091.0	9785.4	9480.4	9174.8	8869.2	8775.6	8682.1	8588.0	8494.5	8755.5	9015.8
65°	9887.5	9677.2	9467.6	9257.3	9047.0	8882.0	8717.6	8552.5	8387.5	8550.7	8713.3
67.5°	9239.6	9120.4	9001.8	8882.6	8763.4	8486.5	8209.6	7932.1	7655.2	7666.2	7676.6
70°	8189.4	8157.7	8126.5	8094.7	8062.9	7646.7	7231.0	6814.8	6398.5	6334.9	6271.4
72.5°	6858.8	6879.6	6899.7	6920.5	6941.3	6493.9	6046.4	5599.0	5151.6	5045.8	4940.1
75°	5312.3	5427.2	5542.1	5657.7	5772.6	5344.7	4916.8	4488.4	4060.5	3930.3	3800.1
77.5°	3753.6	3968.2	4182.1	4396.7	4611.2	4224.3	3838.0	3451.1	3064.2	2979.8	2895.5
80°	2617.3	2722.5	2827.6	2932.7	3037.9	2843.5	2649.1	2454.8	2260.4	2283.6	2306.2
82.5°	1906.5	1930.9	1954.8	1979.2	2003.7	1924.2	1844.7	1764.7	1685.2	1745.7	1806.2
85°	1221.3	1308.7	1395.5	1482.9	1569.7	1481.7	1393.6	1305.0	1217.0	1257.3	1297.7
87.5°	273.2	432.1	591.1	750.6	909.5	824.0	739.0	653.4	567.8	529.3	491.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367866

CATALOG NUMBER: MSA-SA3B-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: P367866

CATALOG NUMBER: MSA-SA3B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2
2.5°	1548.9	1581.3	1571.5	1562.3	1552.6	1542.8	1560.5	1578.2	1596.6	1614.3	1608.2
5°	2138.1	2144.2	2086.2	2028.7	1970.7	1912.6	1948.6	1984.7	2020.8	2056.8	2044.0
7.5°	2518.3	2487.8	2454.1	2420.5	2386.3	2352.7	2345.3	2338.0	2330.1	2322.7	2312.9
10°	2823.9	2845.3	2823.3	2801.9	2779.9	2757.9	2706.6	2655.2	2603.3	2551.9	2530.6
12.5°	3062.9	3086.8	3092.3	3097.2	3102.7	3108.2	3050.7	2993.9	2936.4	2879.0	2827.0
15°	3066.0	3086.2	3103.9	3121.0	3138.7	3155.9	3120.4	3085.6	3050.1	3014.7	2998.2
17.5°	3141.2	3144.9	3130.2	3116.1	3101.5	3087.4	3073.3	3059.9	3045.8	3032.4	3006.1
20°	3098.4	3107.0	3105.1	3103.3	3100.8	3099.0	3100.2	3100.8	3102.1	3102.7	3088.0
22.5°	3120.4	3081.9	3089.8	3097.2	3105.1	3112.5	3134.5	3156.5	3179.1	3201.1	3259.8
25°	3289.1	3205.4	3192.5	3180.3	3167.5	3155.2	3212.7	3269.5	3327.0	3384.5	3479.8
27.5°	3179.1	3046.4	3017.1	2987.8	2958.4	2929.1	3016.5	3103.3	3190.7	3278.1	3375.3
30°	3285.4	3150.4	3085.6	3020.8	2955.4	2890.6	2974.3	3057.4	3141.2	3224.3	3331.9
32.5°	3401.0	3309.3	3265.9	3223.1	3179.7	3136.9	3143.6	3150.4	3157.1	3163.8	3315.4
35°	3580.7	3441.9	3399.1	3356.3	3313.6	3270.8	3342.3	3413.2	3484.7	3555.6	3684.0
37.5°	4116.1	4039.7	3962.7	3885.7	3808.1	3731.0	3773.2	3815.4	3857.6	3899.7	4020.8
40°	4571.5	4442.5	4429.7	4417.5	4404.6	4391.8	4395.5	4398.5	4402.2	4405.8	4509.1
42.5°	5380.8	5274.4	5209.0	5143.6	5078.2	5012.8	5008.5	5004.3	4999.4	4995.1	5072.7
45°	6259.1	6180.3	6131.4	6082.5	6033.0	5984.1	5906.5	5828.8	5750.6	5673.0	5740.8
47.5°	7024.4	7028.7	7117.3	7205.3	7294.0	7382.6	7250.0	7117.3	6984.7	6852.0	6764.6
50°	8046.4	8227.3	8248.7	8269.5	8290.9	8312.3	8087.4	7863.0	7638.1	7413.2	7321.5
52.5°	8761.6	9015.8	8982.8	8950.4	8917.4	8884.4	8754.2	8624.7	8494.5	8364.3	8164.4
55°	9201.7	9484.7	9459.6	9435.2	9410.1	9385.0	9290.3	9195.6	9100.8	9006.1	8786.6
57.5°	9456.6	9725.5	9732.8	9740.2	9747.5	9754.8	9729.8	9704.7	9679.7	9654.6	9369.1
60°	9542.7	9834.3	9837.4	9839.8	9842.9	9845.3	9805.6	9765.8	9725.5	9685.8	9499.3
62.5°	9276.9	9537.2	9548.9	9559.9	9571.5	9583.1	9555.6	9528.1	9500.6	9473.1	9334.9
65°	8876.5	9039.7	9042.7	9045.2	9048.2	9051.3	8981.6	8912.5	8842.9	8773.2	8740.2
67.5°	7687.6	7698.6	7763.4	7828.2	7893.0	7957.8	7963.3	7968.8	7974.9	7980.4	7932.7
70°	6207.8	6144.2	6214.5	6284.8	6355.1	6425.4	6455.3	6485.3	6515.9	6545.8	6567.8
72.5°	4833.7	4728.0	4779.9	4831.9	4884.5	4936.4	4891.8	4847.2	4802.5	4757.9	4899.1
75°	3669.9	3539.7	3533.0	3526.9	3520.2	3514.0	3491.4	3468.8	3445.6	3423.0	3555.0
77.5°	2810.5	2726.1	2730.4	2734.1	2738.4	2742.0	2718.8	2696.2	2673.0	2649.7	2700.5
80°	2329.5	2352.1	2352.7	2353.3	2353.9	2354.5	2332.5	2311.1	2289.1	2267.1	2230.4
82.5°	1867.4	1927.9	1927.3	1927.3	1926.6	1926.0	1924.8	1923.6	1921.8	1920.5	1860.6
85°	1338.0	1378.4	1336.8	1295.2	1253.7	1212.1	1242.7	1273.2	1304.4	1335.0	1309.9
87.5°	452.9	415.0	365.5	316.6	267.1	217.6	270.8	324.0	377.7	430.9	461.5
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: P367866

CATALOG NUMBER: MSA-SA3B-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: P367866

CATALOG NUMBER: MSA-SA3B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2	1328.2
2.5°	1602.7	1596.6	1591.1	1552.6	1513.4	1474.9	1435.8	1506.7	1578.2	1649.1	1720.0
5°	2031.8	2018.9	2006.7	2003.7	2000.6	1996.9	1993.9	2029.9	2066.0	2101.5	2137.5
7.5°	2303.2	2293.4	2283.6	2257.9	2232.9	2207.2	2181.5	2203.5	2224.9	2246.9	2268.3
10°	2509.8	2488.4	2467.0	2411.4	2356.3	2300.7	2245.1	2228.6	2212.1	2195.6	2179.1
12.5°	2775.0	2722.5	2670.5	2607.6	2544.0	2481.0	2417.5	2408.9	2400.4	2392.4	2383.9
15°	2982.3	2965.8	2949.3	2899.1	2849.0	2798.9	2748.8	2681.5	2613.7	2546.4	2479.2
17.5°	2980.4	2954.1	2928.5	2995.7	3062.3	3129.6	3196.2	3124.7	3052.6	2981.0	2909.5
20°	3073.3	3058.1	3043.4	3167.5	3290.9	3415.0	3538.5	3499.4	3459.6	3420.5	3380.8
22.5°	3317.8	3376.5	3434.6	3540.9	3646.7	3753.0	3858.8	3903.4	3948.0	3992.6	4037.3
25°	3574.6	3669.9	3765.3	3923.6	4081.3	4239.6	4397.9	4429.7	4461.5	4493.3	4525.0
27.5°	3471.9	3569.1	3666.2	3786.0	3905.2	4025.0	4144.2	4283.6	4423.6	4562.9	4702.3
30°	3438.9	3546.4	3653.4	3817.8	3981.6	4146.1	4310.5	4502.4	4694.4	4885.7	5077.6
32.5°	3466.4	3618.0	3769.5	3992.0	4213.9	4436.4	4658.9	4860.6	5062.9	5264.6	5466.4
35°	3811.7	3940.1	4067.8	4316.6	4565.4	4814.2	5062.9	5299.5	5536.0	5772.0	6008.5
37.5°	4141.2	4262.2	4383.2	4637.5	4891.2	5145.5	5399.7	5773.2	6147.3	6520.8	6894.2
40°	4611.8	4715.1	4817.8	5035.4	5253.0	5470.6	5688.2	6138.7	6589.2	7039.7	7490.2
42.5°	5149.7	5227.4	5304.4	5529.9	5755.5	5981.0	6206.6	6696.8	7187.6	7677.8	8168.1
45°	5808.0	5875.9	5943.7	6099.0	6254.2	6410.1	6565.4	7070.9	7576.4	8081.9	8587.4
47.5°	6677.2	6589.8	6502.4	6578.8	6655.2	6731.6	6808.0	7308.0	7808.0	8307.4	8807.4
50°	7229.8	7138.1	7046.4	7053.1	7059.3	7066.0	7072.7	7539.1	8005.5	8471.2	8937.6
52.5°	7964.5	7764.0	7564.1	7562.3	7560.5	7558.0	7556.2	7962.7	8369.8	8776.2	9182.7
55°	8567.2	8347.8	8128.3	8085.5	8042.7	7999.4	7956.6	8358.8	8760.3	9162.5	9564.1
57.5°	9083.7	8797.6	8512.2	8444.9	8377.7	8310.5	8243.2	8676.6	9110.6	9544.0	9977.3
60°	9313.5	9127.1	8941.3	8858.8	8776.2	8693.7	8611.2	8980.4	9349.6	9718.2	10087.4
62.5°	9197.4	9059.2	8921.7	8940.7	8959.6	8978.6	8997.5	9208.4	9419.9	9630.8	9841.6
65°	8707.8	8674.8	8642.4	8795.2	8948.0	9100.8	9253.6	9256.7	9259.7	9262.8	9265.8
67.5°	7885.0	7837.4	7789.7	8107.5	8424.8	8742.6	9060.5	8909.5	8758.5	8608.1	8457.2
70°	6589.2	6611.2	6632.6	7065.4	7497.5	7930.3	8363.0	8144.2	7924.8	7706.0	7486.5
72.5°	5040.3	5182.1	5323.3	5772.0	6220.6	6669.3	7117.9	6867.9	6617.3	6367.3	6116.7
75°	3687.0	3819.1	3951.1	4394.2	4837.4	5281.1	5724.3	5427.2	5130.2	4833.7	4536.7
77.5°	2751.2	2802.6	2853.3	3221.9	3589.8	3958.4	4326.4	4028.1	3729.8	3432.1	3133.8
80°	2194.4	2157.7	2121.6	2325.8	2529.9	2734.1	2938.2	2726.8	2514.7	2303.2	2091.7
82.5°	1801.3	1741.4	1682.1	1757.9	1833.7	1910.1	1985.9	1816.6	1647.3	1478.0	1308.7
85°	1284.8	1259.8	1234.7	1256.7	1278.1	1300.1	1322.1	1157.1	992.0	827.6	662.6
87.5°	491.4	522.0	552.6	587.4	621.6	656.5	690.7	541.0	391.2	242.1	92.3
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: P367866

CATALOG NUMBER: MSA-SA3B-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: P367866

CATALOG NUMBER: MSA-SA3B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1328.2	1328.2
2.5°	1749.4	1778.7
5°	2136.9	2136.3
7.5°	2258.5	2248.2
10°	2152.2	2125.3
12.5°	2304.4	2224.3
15°	2399.7	2319.7
17.5°	2789.1	2668.1
20°	3237.1	3092.9
22.5°	3817.8	3598.4
25°	4262.8	4000.0
27.5°	4546.4	4390.0
30°	4898.5	4719.4
32.5°	5334.3	5201.7
35°	5887.5	5765.9
37.5°	6856.3	6817.8
40°	7444.3	7397.9
42.5°	8169.9	8171.1
45°	8614.9	8642.4
47.5°	8877.1	8946.2
50°	9086.1	9234.1
52.5°	9385.0	9587.4
55°	9833.1	10101.4
57.5°	10205.9	10434.5
60°	10205.9	10323.9
62.5°	9838.6	9834.9
65°	9209.0	9151.5
67.5°	8385.0	8312.9
70°	7374.0	7261.0
72.5°	5976.7	5836.2
75°	4344.1	4151.0
77.5°	3042.2	2949.9
80°	2136.3	2180.9
82.5°	1372.2	1435.8
85°	652.8	643.0
87.5°	77.0	61.7
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: P367866

CATALOG NUMBER: MSA-SA3B-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)