

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: P367998

Luminaire Tested: **MSA-SA3C-750-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367998
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-SA3C-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: 15595 lumens
Efficiency: N/A
Efficacy: 93.9 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): 166
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



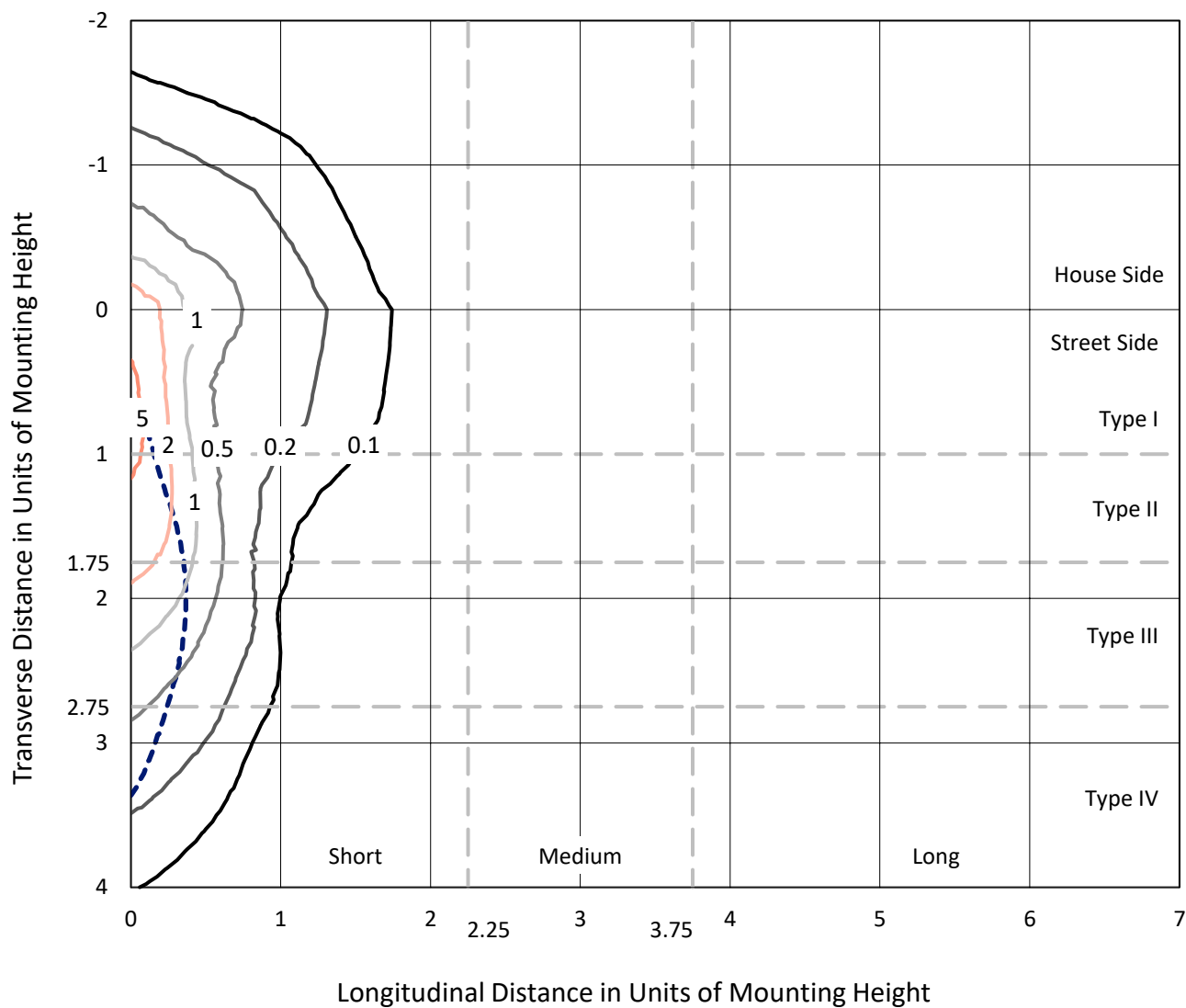
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



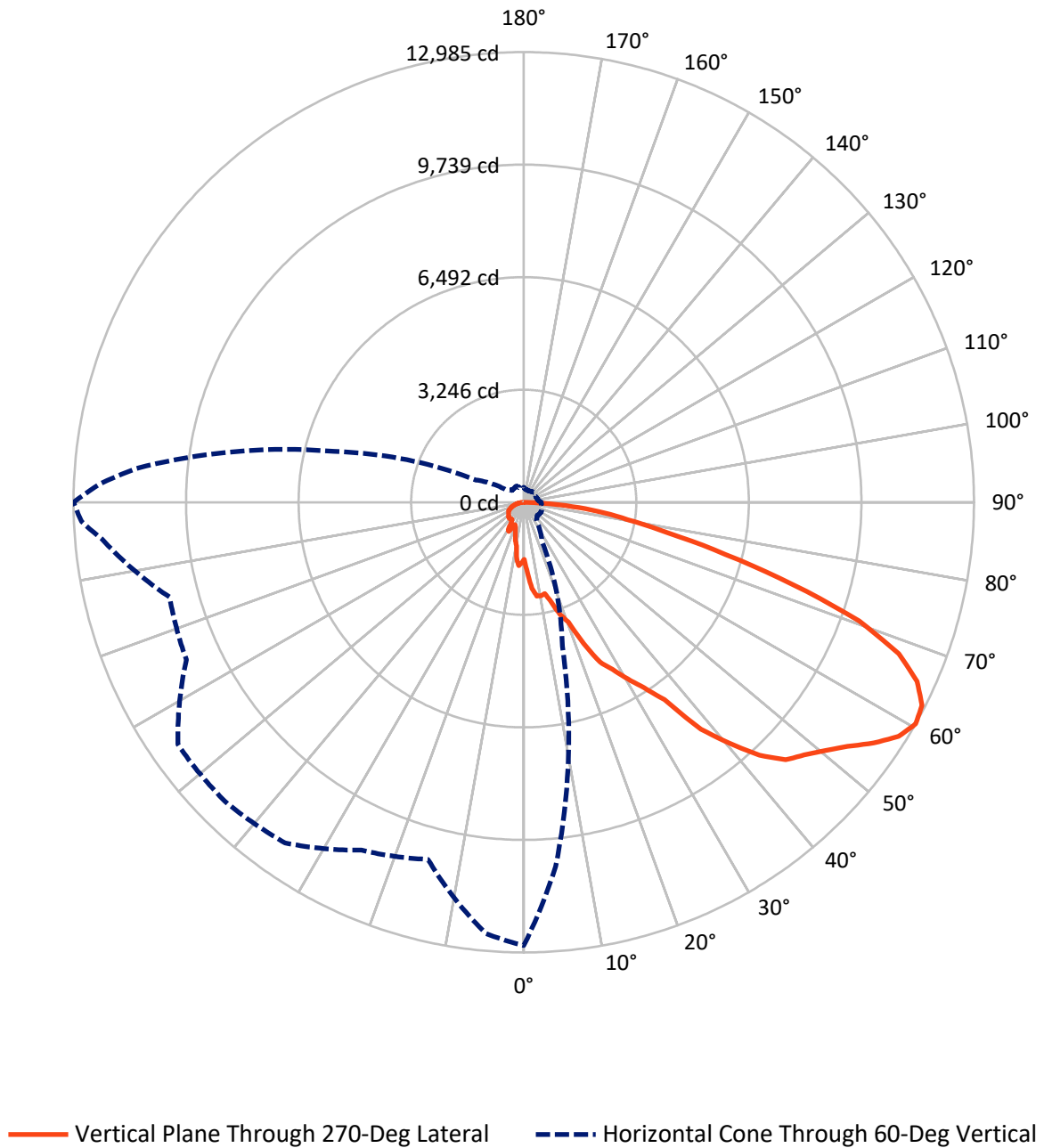
Based on 25 foot mounting height. Maximum calculated value = 6.6 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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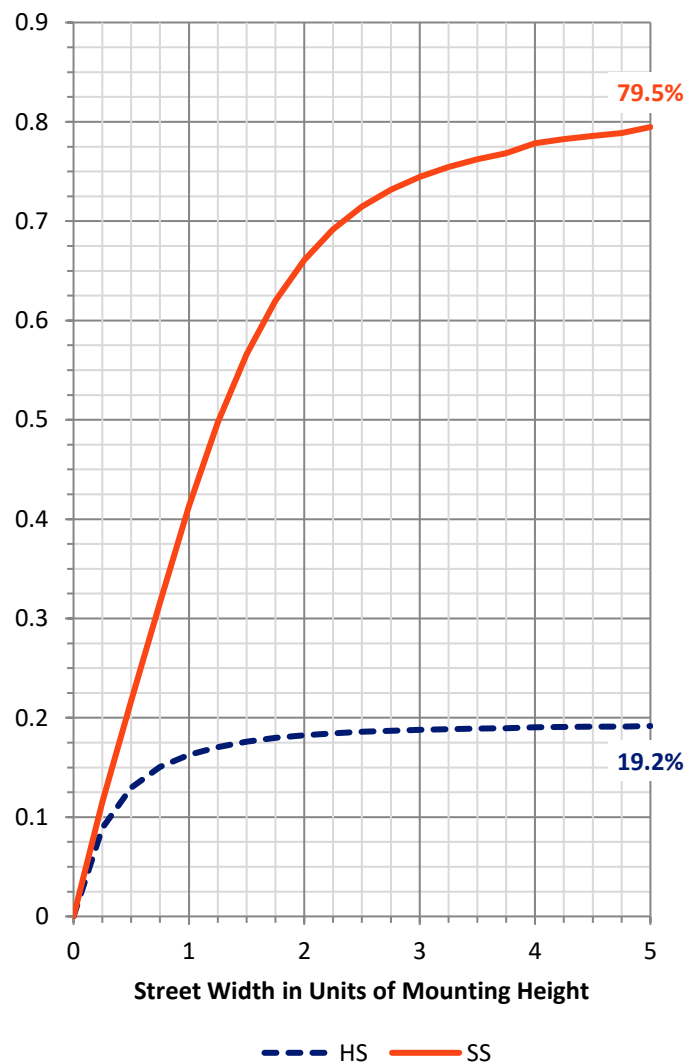
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3020.4	0.0	3020.4
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	12574.6	0.0	12574.6
	% Fixture	80.6	0.0	80.6
Total	Lumens	15595.0	0.0	15595.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.6	1.2
10°-20°	548.0	3.5
20°-30°	967.3	6.2
30°-40°	1506.6	9.7
40°-50°	2480.4	15.9
50°-60°	3540.3	22.7
60°-70°	3754.0	24.1
70°-80°	2073.4	13.3
80°-90°	536.5	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°	15595.0	100.0
0°-180°	15595.0	100.0

Coefficient of Utilization



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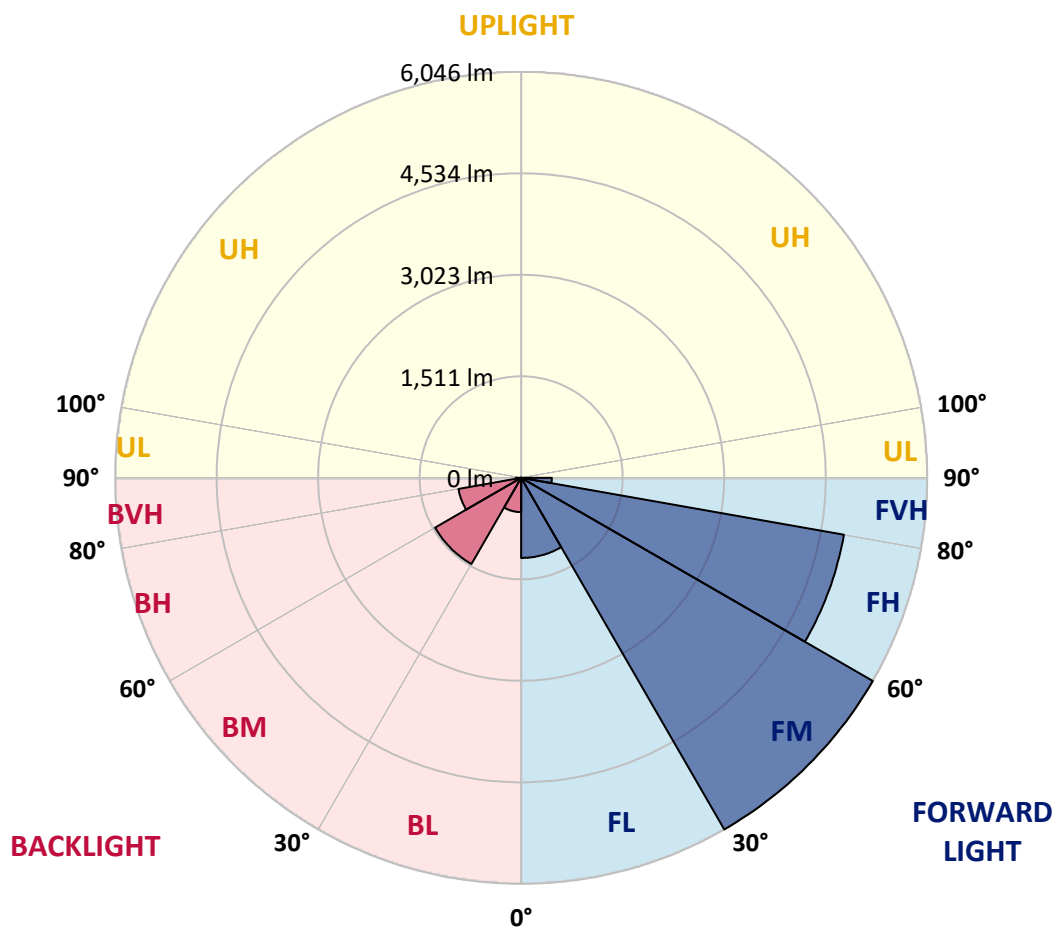
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1193.3	7.7			
FM	(30°-60°)	6045.6	38.8			
FH	(60°-80°)	4879.7	31.3			G2/5000
FVH	(80°-90°)	456.0	2.9			G3/500
BL	(0°-30°)	510.6	3.3	B2/1000		
BM	(30°-60°)	1481.6	9.5	B2/2500		
BH	(60°-80°)	947.7	6.1	B2/1000		G2/1000
BVH	(80°-90°)	80.5	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°	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9
2.5°	2202.7	2216.4	2229.2	2203.5	2177.8	2151.3	2125.5	2086.9	2047.6	2009.0	1969.6
5°	2645.6	2595.6	2544.9	2524.4	2504.8	2484.3	2463.9	2445.0	2426.0	2406.4	2387.4
7.5°	2784.1	2712.9	2641.0	2610.7	2580.5	2549.4	2519.2	2451.0	2382.9	2314.0	2245.9
10°	2631.9	2557.8	2482.8	2453.3	2423.0	2393.5	2363.2	2280.0	2197.4	2114.2	2030.9
12.5°	2754.6	2678.9	2602.4	2508.6	2414.7	2320.1	2226.2	2180.0	2133.9	2086.9	2040.8
15°	2872.6	2770.5	2667.5	2573.7	2479.8	2385.2	2291.3	2199.0	2106.6	2014.3	1921.9
17.5°	3304.1	3133.8	2963.5	2793.9	2623.6	2454.1	2283.7	2177.0	2069.5	1962.8	1855.3
20°	3830.2	3593.3	3355.6	3098.2	2840.1	2582.7	2324.6	2189.9	2055.9	1921.2	1786.4
22.5°	4456.2	4157.2	3858.2	3533.5	3208.7	2883.2	2558.5	2363.2	2167.9	1971.9	1776.6
25°	4953.5	4665.9	4378.2	3966.5	3554.7	3142.9	2731.1	2509.3	2287.5	2065.0	1843.2
27.5°	5436.5	4978.5	4519.8	4048.2	3577.4	3105.8	2634.2	2429.1	2223.9	2018.8	1813.7
30°	5844.5	5481.1	5117.8	4502.4	3887.0	3270.8	2655.4	2403.3	2151.3	1899.2	1647.1
32.5°	6441.7	5923.2	5403.9	4762.0	4120.1	3478.2	2836.3	2513.9	2191.4	1868.9	1546.5
35°	7140.4	6601.4	6062.5	5268.4	4475.1	3681.1	2887.0	2545.6	2203.5	1862.1	1520.0
37.5°	8443.1	7493.1	6542.4	5675.7	4808.9	3941.5	3074.8	2678.1	2281.5	1884.1	1487.4
40°	9161.4	8283.4	7405.3	6325.1	5245.0	4164.0	3083.8	2678.1	2271.6	1865.9	1459.4
42.5°	10119.0	9008.5	7897.3	6729.3	5562.1	4394.1	3226.1	2776.5	2326.9	1876.5	1426.9
45°	10702.6	9465.0	8226.6	6978.4	5730.2	4481.9	3233.7	2777.3	2320.8	1864.4	1407.9
47.5°	11078.8	9890.4	8701.2	7357.6	6014.0	4669.7	3326.1	2841.6	2356.4	1872.0	1386.7
50°	11435.3	10258.3	9080.4	7685.4	6291.1	4896.0	3500.9	2971.8	2442.7	1912.8	1383.7
52.5°	11872.9	10788.9	9704.2	8207.7	6710.4	5213.9	3716.7	3140.6	2564.6	1988.5	1412.5
55°	12509.5	11441.4	10372.6	8766.3	7159.3	5553.0	3946.0	3306.4	2667.5	2027.9	1388.3
57.5°	12922.0	11838.8	10755.6	9117.5	7479.5	5840.7	4202.6	3494.1	2785.6	2076.3	1367.8
60°	12785.0	11667.7	10549.7	8988.1	7426.5	5864.9	4303.3	3538.0	2773.5	2008.2	1242.9
62.5°	12179.4	10991.8	9804.1	8405.2	7007.1	5608.3	4209.4	3431.3	2653.9	1875.7	1097.6
65°	11333.1	10105.4	8876.8	7615.0	6353.1	5091.3	3829.4	3123.2	2416.2	1710.0	1003.0
67.5°	10294.6	9014.6	7733.8	6616.6	5499.3	4381.3	3264.0	2673.6	2083.9	1493.5	903.0
70°	8991.9	7733.8	6475.8	5509.1	4542.5	3575.9	2609.2	2164.9	1721.3	1277.0	832.7
72.5°	7227.4	6141.9	5056.5	4295.7	3535.0	2774.2	2013.5	1704.7	1396.6	1087.7	778.9
75°	5140.5	4502.4	3864.3	3272.3	2680.4	2087.7	1495.7	1295.9	1096.1	896.2	696.4
77.5°	3653.1	3276.9	2900.7	2436.6	1972.6	1508.6	1044.6	927.3	810.7	693.4	576.0
80°	2700.8	2386.7	2072.5	1722.8	1373.1	1023.4	673.7	616.2	559.4	501.9	444.3
82.5°	1778.1	1636.5	1494.2	1217.2	940.1	663.1	386.0	364.9	343.7	322.5	301.3
85°	796.3	841.0	884.9	715.3	545.0	375.5	205.1	195.3	185.5	175.6	165.8
87.5°	76.5	112.8	149.1	127.9	106.0	84.8	62.8	62.1	62.1	61.3	60.6
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°	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9
2.5°	1980.2	1990.8	2001.4	2012.0	2000.6	1989.3	1977.2	1965.8	1951.4	1937.1	1921.9
5°	2355.6	2323.1	2291.3	2258.8	2210.3	2161.9	2112.7	2064.2	2058.2	2051.4	2045.3
7.5°	2186.1	2127.0	2067.2	2007.4	1931.8	1856.8	1781.1	1705.4	1682.7	1660.0	1637.3
10°	1990.8	1949.9	1909.8	1868.9	1822.0	1775.1	1727.4	1680.4	1618.4	1555.5	1493.5
12.5°	1974.1	1907.5	1840.2	1773.5	1744.8	1716.0	1687.3	1658.5	1604.0	1549.5	1494.2
15°	1868.2	1813.7	1759.9	1705.4	1663.8	1622.2	1580.5	1538.9	1495.0	1450.3	1406.4
17.5°	1793.2	1731.2	1669.1	1607.0	1559.3	1511.6	1463.2	1415.5	1362.5	1308.8	1255.8
20°	1715.3	1644.9	1573.7	1502.6	1442.0	1382.2	1321.6	1261.1	1202.8	1145.3	1087.0
22.5°	1683.5	1590.4	1497.3	1404.2	1340.6	1276.2	1212.6	1148.3	1094.6	1040.8	987.1
25°	1731.9	1621.4	1510.1	1398.9	1313.3	1227.0	1141.5	1055.2	1010.5	965.9	920.5
27.5°	1675.1	1535.9	1397.3	1258.1	1166.5	1074.1	982.5	890.2	883.4	876.6	869.0
30°	1501.0	1355.0	1208.9	1062.8	978.7	894.0	809.9	725.2	709.3	692.6	676.7
32.5°	1397.3	1248.2	1099.1	950.0	875.0	799.3	724.4	648.7	630.5	612.4	594.2
35°	1358.0	1196.0	1034.0	872.0	807.7	743.3	679.0	614.6	601.8	589.7	576.8
37.5°	1326.2	1165.7	1004.5	843.2	781.2	719.1	656.3	594.2	584.4	574.5	564.7
40°	1295.9	1133.2	969.7	806.2	750.9	696.4	641.1	585.9	579.8	573.8	567.0
42.5°	1268.7	1110.5	951.5	793.3	744.1	695.6	646.4	597.2	591.2	585.1	579.1
45°	1253.5	1099.1	944.7	790.3	754.7	719.1	682.8	647.2	632.8	618.4	603.3
47.5°	1242.2	1097.6	953.0	808.4	771.3	734.2	697.2	660.1	647.2	634.3	620.7
50°	1244.4	1105.9	966.6	827.4	782.7	737.3	692.6	647.2	645.7	644.2	642.7
52.5°	1264.9	1118.0	970.4	822.8	774.4	725.9	676.7	628.3	638.1	647.2	657.0
55°	1235.4	1082.4	928.8	775.9	729.7	684.3	638.1	591.9	604.8	616.9	629.8
57.5°	1202.0	1036.3	870.5	704.7	669.9	635.1	599.5	564.7	578.3	592.7	606.3
60°	1091.5	940.1	788.7	637.4	613.9	590.4	567.0	543.5	549.6	555.6	561.7
62.5°	970.4	842.5	715.3	587.4	569.2	550.3	532.1	513.2	513.2	514.0	514.0
65°	893.2	783.4	673.7	563.9	543.5	523.1	501.9	481.4	478.4	475.4	472.3
67.5°	816.0	729.7	642.7	555.6	526.1	497.3	467.8	438.3	434.5	431.5	427.7
70°	755.4	678.2	601.0	523.8	490.5	458.0	424.7	391.3	388.3	386.0	383.0
72.5°	706.2	634.3	561.7	489.0	454.2	418.6	383.8	348.2	345.9	343.7	340.6
75°	632.1	568.5	504.1	439.8	405.7	372.4	338.4	304.3	301.3	299.0	296.0
77.5°	523.1	469.3	416.3	362.6	336.1	310.4	283.9	257.4	255.9	254.3	252.1
80°	402.7	361.1	318.7	277.0	259.6	241.5	224.1	205.9	205.1	204.4	202.9
82.5°	276.3	251.3	226.3	201.4	188.5	174.9	162.0	148.4	149.1	149.9	150.6
85°	157.4	148.4	140.0	131.0	120.4	110.5	99.9	89.3	91.6	93.9	95.4
87.5°	57.5	54.5	51.5	48.4	43.1	38.6	33.3	28.0	29.5	31.8	33.3
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: P367998

CATALOG NUMBER: MSA-SA3C-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: P367998

CATALOG NUMBER: MSA-SA3C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9
2.5°	1907.5	1884.8	1862.1	1839.4	1816.7	1769.8	1723.6	1676.7	1629.7	1658.5	1688.0
5°	2038.5	1999.9	1960.5	1921.9	1882.6	1860.6	1838.6	1816.7	1794.7	1806.1	1818.2
7.5°	1614.6	1591.9	1568.4	1545.7	1522.2	1512.4	1503.3	1493.5	1483.6	1511.6	1539.6
10°	1430.6	1398.9	1367.1	1334.5	1302.7	1283.8	1264.9	1246.0	1227.0	1234.6	1242.2
12.5°	1439.7	1392.8	1345.9	1298.9	1252.0	1224.0	1196.0	1168.0	1140.0	1146.8	1153.6
15°	1361.8	1313.3	1264.9	1216.4	1168.0	1135.4	1102.1	1069.6	1036.3	1024.9	1012.8
17.5°	1202.0	1149.1	1096.1	1043.1	990.1	968.1	946.2	924.2	902.3	890.2	878.1
20°	1028.7	979.5	930.3	881.1	831.9	816.8	801.6	785.7	770.6	763.0	754.7
22.5°	933.3	903.0	872.0	841.7	810.7	793.3	776.6	759.2	741.8	733.5	724.4
25°	875.8	881.9	888.7	894.7	900.8	893.2	884.9	877.3	869.0	872.0	874.3
27.5°	862.2	875.0	888.7	901.5	914.4	921.2	928.0	934.8	941.7	943.9	946.2
30°	660.1	666.9	672.9	679.7	685.8	704.7	723.7	741.8	760.7	790.3	820.5
32.5°	576.0	573.8	571.5	568.5	566.2	570.7	575.3	579.1	583.6	594.2	605.6
35°	563.9	558.6	552.6	547.3	541.2	543.5	545.8	548.0	550.3	558.6	567.0
37.5°	554.8	552.6	551.1	548.8	546.5	551.8	556.4	561.7	566.2	573.0	579.8
40°	560.9	560.1	559.4	557.9	557.1	560.1	563.2	566.2	569.2	578.3	587.4
42.5°	573.0	573.0	572.3	572.3	571.5	574.5	576.8	579.8	582.1	587.4	592.7
45°	588.9	587.4	586.6	585.1	583.6	582.9	582.9	582.1	581.3	584.4	588.2
47.5°	607.8	602.5	596.5	591.2	585.1	583.6	581.3	579.8	577.6	579.1	580.6
50°	641.1	626.8	613.1	598.8	584.4	580.6	576.8	573.0	569.2	568.5	568.5
52.5°	666.1	644.9	623.7	602.5	581.3	574.5	567.7	560.9	554.1	552.6	551.8
55°	641.9	626.0	610.9	595.0	579.1	569.2	558.6	548.8	538.2	535.9	533.7
57.5°	619.9	610.1	600.3	590.4	580.6	570.7	560.1	550.3	539.7	534.4	529.1
60°	567.7	567.7	568.5	568.5	568.5	557.9	547.3	536.7	526.1	520.8	516.2
62.5°	514.0	522.3	529.9	538.2	545.8	531.4	516.2	501.9	486.7	482.9	479.9
65°	469.3	471.6	474.6	476.9	479.2	467.8	456.4	445.1	433.7	431.5	428.4
67.5°	423.9	423.1	422.4	420.9	420.1	413.3	405.7	398.9	391.3	388.3	385.3
70°	380.0	379.2	378.5	377.0	376.2	370.2	364.1	358.0	352.0	349.7	347.4
72.5°	338.4	337.6	336.1	335.3	333.8	328.5	324.0	318.7	313.4	310.4	307.3
75°	292.9	291.4	289.9	288.4	286.9	282.3	277.8	272.5	268.0	264.9	261.9
77.5°	250.6	248.3	246.0	243.0	240.7	236.9	232.4	228.6	224.1	220.3	217.2
80°	202.1	200.6	199.1	196.8	195.3	191.5	187.7	183.2	179.4	174.9	171.1
82.5°	151.4	150.6	149.1	148.4	146.8	143.1	139.3	135.5	131.7	127.2	122.6
85°	97.6	96.9	96.1	95.4	94.6	91.6	89.3	86.3	83.3	78.7	74.9
87.5°	34.8	33.3	32.5	31.0	29.5	28.8	27.3	26.5	25.0	22.7	20.4
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: P367998

CATALOG NUMBER: MSA-SA3C-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: P367998

CATALOG NUMBER: MSA-SA3C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9
2.5°	1716.8	1745.5	1746.3	1746.3	1759.9	1772.8	1746.3	1719.8	1692.6	1666.1	1639.6
5°	1829.6	1840.9	1837.9	1834.1	1817.5	1800.8	1783.4	1766.0	1748.6	1731.2	1731.9
7.5°	1567.7	1595.7	1618.4	1640.3	1619.1	1597.9	1586.6	1575.2	1563.9	1552.5	1551.0
10°	1249.0	1256.5	1265.6	1274.0	1261.1	1247.5	1270.2	1292.9	1314.8	1337.5	1312.6
12.5°	1160.4	1167.2	1151.3	1134.7	1129.4	1124.1	1118.8	1112.7	1107.4	1101.4	1098.3
15°	1001.5	989.3	977.2	964.4	961.3	957.5	953.8	949.2	945.4	940.9	927.3
17.5°	866.0	853.8	833.4	812.2	803.9	794.8	792.5	790.3	787.2	785.0	772.1
20°	747.1	738.8	733.5	727.4	719.1	710.8	702.5	694.1	685.0	676.7	664.6
22.5°	716.1	707.0	700.2	692.6	691.1	689.6	674.4	658.6	643.4	627.5	620.7
25°	877.3	879.6	838.0	795.6	791.8	788.0	760.7	732.7	705.5	677.5	654.0
27.5°	947.7	950.0	948.5	947.0	934.8	922.0	875.8	828.9	782.7	735.8	702.5
30°	850.1	879.6	890.9	902.3	894.0	884.9	836.4	788.7	740.3	691.9	669.9
32.5°	616.2	626.8	645.7	663.9	673.7	682.8	667.6	652.5	637.4	622.2	618.4
35°	574.5	582.9	586.6	590.4	584.4	578.3	567.0	555.6	543.5	532.1	529.9
37.5°	585.9	592.7	600.3	607.8	591.2	573.8	560.9	548.8	535.9	523.1	512.5
40°	596.5	605.6	610.1	614.6	598.0	581.3	565.4	550.3	534.4	518.5	507.9
42.5°	598.0	603.3	611.6	619.9	596.5	572.3	557.9	542.7	528.4	513.2	502.6
45°	591.2	594.2	601.8	609.3	582.1	554.1	541.2	527.6	514.7	501.1	492.0
47.5°	581.3	582.9	588.9	594.2	565.4	535.9	523.8	511.7	498.8	486.7	477.6
50°	567.7	567.0	571.5	575.3	545.8	516.2	504.1	492.8	480.7	468.6	461.0
52.5°	550.3	548.8	553.3	557.1	526.1	495.0	484.5	474.6	464.0	453.4	447.4
55°	530.6	528.4	532.1	535.9	505.6	474.6	465.5	455.7	446.6	436.8	431.5
57.5°	523.1	517.8	520.0	522.3	488.2	454.2	445.1	436.0	426.9	417.8	414.1
60°	510.9	505.6	507.9	509.4	473.1	436.0	427.7	418.6	410.3	401.2	397.4
62.5°	476.1	472.3	475.4	478.4	445.8	412.5	405.0	398.2	390.6	383.0	377.7
65°	426.2	423.1	429.2	435.2	407.2	379.2	374.7	370.2	364.9	360.3	355.0
67.5°	382.3	379.2	385.3	391.3	370.9	350.5	345.9	341.4	336.8	332.3	329.3
70°	345.2	342.9	348.2	353.5	336.1	318.7	314.1	310.4	305.8	301.3	299.0
72.5°	303.5	300.5	307.3	313.4	299.0	283.9	280.1	275.5	271.7	267.2	265.7
75°	258.9	255.9	261.9	267.2	257.4	246.8	243.0	239.2	235.4	231.6	230.9
77.5°	213.5	209.7	215.7	221.0	215.0	208.2	205.1	201.4	198.3	194.5	194.5
80°	166.5	162.0	166.5	170.3	168.0	165.8	163.5	160.5	158.2	155.2	155.9
82.5°	118.1	113.5	115.8	118.1	119.6	121.1	121.1	121.1	121.1	121.1	121.1
85°	70.4	65.9	66.6	67.4	69.6	71.9	72.7	73.4	74.2	74.9	75.7
87.5°	18.2	15.9	14.4	12.1	14.4	15.9	17.4	18.2	19.7	20.4	20.4
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: P367998

CATALOG NUMBER: MSA-SA3C-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: P367998

CATALOG NUMBER: MSA-SA3C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9
2.5°	1613.1	1585.8	1559.3	1576.0	1591.9	1608.5	1624.4	1625.2	1625.2	1625.9	1625.9
5°	1733.4	1734.2	1734.9	1719.0	1703.9	1688.0	1672.1	1663.8	1655.5	1646.4	1638.1
7.5°	1548.7	1547.2	1544.9	1529.8	1514.7	1499.5	1484.4	1448.1	1411.0	1374.6	1337.5
10°	1286.8	1261.8	1236.1	1230.1	1224.8	1218.7	1212.6	1202.8	1193.7	1183.9	1174.0
12.5°	1095.3	1092.3	1089.3	1073.4	1057.5	1040.8	1024.9	1024.9	1024.9	1024.9	1024.9
15°	912.9	899.3	884.9	877.3	869.0	861.4	853.1	849.3	845.5	841.7	838.0
17.5°	758.5	745.6	732.0	730.5	728.9	727.4	725.9	722.1	718.4	714.6	710.8
20°	652.5	640.4	628.3	632.8	637.4	641.1	645.7	641.9	638.1	633.6	629.8
22.5°	613.1	606.3	598.8	595.0	591.2	586.6	582.9	582.9	583.6	583.6	583.6
25°	631.3	607.8	584.4	573.0	561.7	549.6	538.2	533.7	529.9	525.3	520.8
27.5°	669.1	635.1	601.8	582.1	562.4	542.7	523.1	514.7	505.6	497.3	488.2
30°	647.2	625.2	602.5	579.8	557.1	534.4	511.7	501.1	490.5	479.2	468.6
32.5°	614.6	610.1	606.3	585.1	563.9	542.0	520.8	516.2	512.5	507.9	503.4
35°	526.8	524.6	521.5	516.2	510.9	505.6	500.3	494.3	488.2	482.2	476.1
37.5°	502.6	492.0	481.4	479.2	476.9	474.6	472.3	470.1	467.8	464.8	462.5
40°	497.3	486.7	476.1	472.3	468.6	464.0	460.2	461.0	462.5	463.3	464.0
42.5°	491.3	480.7	469.3	466.3	463.3	460.2	457.2	458.0	459.5	460.2	461.0
45°	483.7	474.6	465.5	460.2	455.7	450.4	445.1	449.6	454.2	458.0	462.5
47.5°	468.6	458.7	449.6	446.6	443.6	439.8	436.8	441.3	445.8	449.6	454.2
50°	452.7	445.1	436.8	436.0	435.2	433.7	433.0	436.0	439.0	442.1	445.1
52.5°	440.5	434.5	427.7	427.7	426.9	426.9	426.2	429.2	432.2	434.5	437.5
55°	426.9	421.6	416.3	417.1	418.6	419.4	420.1	423.1	426.9	430.0	433.0
57.5°	409.5	405.7	401.2	404.2	406.5	409.5	411.8	414.1	417.1	419.4	421.6
60°	392.9	389.1	384.5	387.6	391.3	394.4	397.4	399.7	401.9	404.2	406.5
62.5°	372.4	366.4	361.1	365.6	369.4	373.9	377.7	379.2	381.5	383.0	384.5
65°	350.5	345.2	339.9	342.9	345.9	348.2	351.2	353.5	355.8	358.0	360.3
67.5°	325.5	322.5	318.7	320.9	323.2	325.5	327.8	328.5	328.5	329.3	329.3
70°	296.0	293.7	290.7	292.2	294.5	296.0	297.5	297.5	297.5	296.7	296.7
72.5°	264.9	263.4	261.9	262.7	264.2	264.9	265.7	264.9	264.2	263.4	262.7
75°	230.1	229.4	228.6	229.4	230.9	231.6	232.4	231.6	230.1	229.4	227.8
77.5°	195.3	195.3	195.3	195.3	196.1	196.1	196.1	194.5	193.0	191.5	190.0
80°	156.7	157.4	158.2	158.2	158.2	158.2	158.2	156.7	155.2	152.9	151.4
82.5°	121.1	121.1	121.1	121.1	121.9	121.9	121.9	118.1	115.1	111.3	107.5
85°	75.7	76.5	76.5	77.2	78.0	78.0	78.7	73.4	68.9	63.6	58.3
87.5°	20.4	20.4	20.4	20.4	20.4	19.7	19.7	15.1	9.8	5.3	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: P367998

CATALOG NUMBER: MSA-SA3C-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: P367998

CATALOG NUMBER: MSA-SA3C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9
2.5°	1630.5	1635.0	1638.8	1643.4	1644.1	1644.9	1644.9	1645.6	1629.7	1613.8	1597.2
5°	1649.4	1660.0	1671.4	1682.0	1679.7	1677.4	1675.1	1672.9	1668.3	1664.5	1660.0
7.5°	1329.2	1321.6	1313.3	1305.0	1311.8	1318.6	1325.4	1332.2	1335.3	1338.3	1340.6
10°	1155.1	1136.2	1117.3	1098.3	1087.7	1076.4	1065.8	1054.4	1052.9	1052.2	1050.7
12.5°	1005.2	984.8	965.1	944.7	938.6	931.8	925.8	918.9	925.0	931.1	936.4
15°	829.6	822.1	813.7	805.4	812.2	819.0	825.8	832.7	838.7	844.0	850.1
17.5°	707.0	704.0	700.2	696.4	702.5	709.3	715.3	721.4	735.0	748.6	762.3
20°	626.8	624.5	621.5	618.4	616.2	613.1	610.9	607.8	627.5	646.4	666.1
22.5°	579.1	574.5	570.0	565.4	566.2	567.0	567.0	567.7	583.6	600.3	616.2
25°	519.3	517.8	516.2	514.7	519.3	523.8	527.6	532.1	546.5	560.9	574.5
27.5°	489.0	489.8	490.5	491.3	497.3	504.1	510.2	516.2	526.1	535.9	545.8
30°	472.3	476.9	480.7	484.5	486.7	489.0	491.3	493.5	503.4	512.5	522.3
32.5°	497.3	491.3	484.5	478.4	481.4	485.2	488.2	491.3	500.3	509.4	518.5
35°	473.9	470.8	468.6	465.5	469.3	473.1	476.1	479.9	488.2	495.8	504.1
37.5°	461.7	461.0	460.2	459.5	461.7	464.0	465.5	467.8	475.4	482.9	489.8
40°	461.0	457.2	454.2	450.4	452.7	454.9	456.4	458.7	467.8	476.9	486.0
42.5°	456.4	451.9	446.6	442.1	444.3	447.4	449.6	451.9	461.7	470.8	480.7
45°	455.7	448.9	441.3	434.5	437.5	440.5	443.6	446.6	454.2	461.7	468.6
47.5°	447.4	440.5	433.7	426.9	428.4	430.0	430.7	432.2	439.0	445.1	451.9
50°	440.5	435.2	430.7	425.4	423.1	421.6	419.4	417.1	422.4	427.7	433.0
52.5°	432.2	426.9	420.9	415.6	412.5	409.5	406.5	403.5	408.0	411.8	416.3
55°	426.9	420.1	414.1	407.2	403.5	399.7	395.9	392.1	395.1	397.4	400.4
57.5°	415.6	409.5	402.7	396.6	392.1	387.6	382.3	377.7	379.2	380.7	382.3
60°	400.4	393.6	387.6	380.7	375.5	370.2	364.1	358.8	359.6	361.1	361.8
62.5°	378.5	372.4	365.6	359.6	353.5	348.2	342.1	336.1	337.6	338.4	339.9
65°	354.3	347.4	341.4	334.6	329.3	324.0	317.9	312.6	314.1	315.7	316.4
67.5°	324.7	319.4	314.9	309.6	305.1	299.8	295.2	289.9	290.7	291.4	292.2
70°	292.9	288.4	284.6	280.1	276.3	272.5	268.7	264.9	264.9	265.7	265.7
72.5°	258.9	255.1	251.3	247.5	243.7	240.7	236.9	233.1	234.7	236.2	236.9
75°	224.1	221.0	217.2	213.5	210.4	207.4	203.6	200.6	202.1	203.6	204.4
77.5°	187.7	185.5	182.4	180.2	177.1	174.1	170.3	167.3	168.8	170.3	171.1
80°	149.9	148.4	146.1	144.6	141.6	138.5	135.5	132.5	133.2	133.2	134.0
82.5°	108.2	109.0	109.0	109.8	107.5	104.5	102.2	99.2	99.2	99.2	98.4
85°	60.6	63.6	65.9	68.1	65.9	63.6	61.3	59.0	58.3	58.3	57.5
87.5°	2.3	3.8	6.1	7.6	6.8	6.1	4.5	3.8	4.5	5.3	5.3
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: P367998

CATALOG NUMBER: MSA-SA3C-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: P367998

CATALOG NUMBER: MSA-SA3C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9
2.5°	1581.3	1594.1	1607.0	1619.9	1632.8	1652.4	1672.1	1692.6	1713.0	1701.6	1689.5
5°	1655.5	1663.0	1671.4	1678.9	1686.5	1708.5	1729.6	1756.1	1781.9	1778.8	1775.1
7.5°	1343.6	1354.2	1364.8	1374.6	1385.2	1418.5	1451.8	1479.8	1507.9	1504.1	1499.5
10°	1049.1	1071.1	1093.8	1115.8	1137.7	1165.0	1191.4	1214.9	1238.4	1277.7	1316.3
12.5°	942.4	976.5	1010.5	1044.6	1078.7	1098.3	1117.3	1147.5	1177.8	1199.0	1221.0
15°	855.4	887.2	918.9	950.7	982.5	984.0	985.6	1017.3	1049.1	1067.3	1084.7
17.5°	775.9	793.3	810.7	827.4	844.8	838.7	832.7	847.8	862.2	869.7	878.1
20°	685.0	697.2	709.3	721.4	733.5	741.8	749.4	758.5	766.8	759.2	750.9
22.5°	632.1	650.2	669.1	687.3	705.5	710.8	715.3	710.0	704.7	702.5	700.2
25°	588.9	610.9	633.6	655.5	677.5	688.1	698.7	703.2	707.0	698.7	690.3
27.5°	555.6	582.1	607.8	634.3	660.1	679.0	697.9	703.2	707.8	701.7	694.9
30°	531.4	560.1	588.9	617.7	646.4	675.2	703.2	728.2	752.4	750.1	747.9
32.5°	527.6	547.3	567.0	586.6	606.3	624.5	641.9	643.4	644.2	638.1	631.3
35°	511.7	524.6	537.4	550.3	563.2	574.5	585.1	583.6	582.1	576.0	570.0
37.5°	497.3	510.2	523.8	536.7	549.6	569.2	588.2	584.4	579.8	573.8	567.7
40°	495.0	509.4	523.8	537.4	551.8	570.0	588.2	584.4	580.6	573.0	565.4
42.5°	489.8	504.1	517.8	532.1	545.8	567.7	588.9	582.1	574.5	568.5	562.4
45°	476.1	489.0	501.9	514.7	527.6	551.1	574.5	566.2	557.9	555.6	552.6
47.5°	458.0	470.8	483.7	496.6	509.4	532.9	555.6	548.8	541.2	540.5	539.0
50°	438.3	450.4	463.3	475.4	487.5	510.9	533.7	527.6	521.5	522.3	522.3
52.5°	420.1	431.5	442.1	453.4	464.0	487.5	510.2	505.6	500.3	501.9	502.6
55°	402.7	411.8	420.9	430.0	439.0	461.7	484.5	477.6	470.8	473.1	475.4
57.5°	383.8	391.3	398.9	405.7	413.3	436.0	458.0	450.4	442.1	445.8	448.9
60°	362.6	369.4	376.2	382.3	389.1	409.5	429.2	422.4	414.8	420.1	424.7
62.5°	340.6	345.9	351.2	356.5	361.8	380.7	399.7	394.4	389.1	395.1	400.4
65°	317.9	321.7	326.2	330.0	333.8	352.0	369.4	365.6	361.8	367.1	372.4
67.5°	292.9	296.0	299.8	302.8	305.8	322.5	339.1	335.3	330.8	335.3	339.1
70°	265.7	268.7	271.0	274.0	276.3	291.4	306.6	301.3	295.2	299.8	303.5
72.5°	238.4	240.0	242.2	243.7	245.3	256.6	268.0	263.4	258.9	263.4	267.2
75°	205.9	207.4	208.9	210.4	211.9	221.8	230.9	225.6	219.5	224.1	228.6
77.5°	172.6	173.3	174.9	175.6	176.4	183.2	189.2	183.9	177.9	183.2	188.5
80°	134.0	134.7	135.5	135.5	136.3	138.5	140.8	137.0	132.5	139.3	146.1
82.5°	98.4	97.6	97.6	96.9	96.1	96.1	95.4	93.1	90.1	96.1	102.2
85°	56.8	56.0	54.5	53.7	52.2	50.0	47.7	46.9	46.2	51.5	56.8
87.5°	6.1	5.3	3.8	3.0	1.5	0.8	0.0	0.0	0.0	3.0	6.8
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: P367998

CATALOG NUMBER: MSA-SA3C-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: P367998

CATALOG NUMBER: MSA-SA3C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9
2.5°	1678.2	1666.1	1654.7	1643.4	1632.0	1620.6	1641.8	1663.0	1684.2	1705.4	1724.3
5°	1772.0	1768.2	1758.4	1749.3	1739.5	1729.6	1734.9	1741.0	1746.3	1751.6	1763.0
7.5°	1495.7	1491.2	1512.4	1532.8	1554.0	1574.5	1579.8	1584.3	1589.6	1594.1	1591.1
10°	1355.7	1394.3	1404.2	1413.2	1423.1	1432.2	1447.3	1462.4	1476.8	1492.0	1500.3
12.5°	1242.2	1263.4	1298.2	1333.8	1368.6	1403.4	1426.1	1448.8	1471.5	1494.2	1541.2
15°	1102.9	1120.3	1146.8	1173.3	1199.8	1226.3	1258.8	1292.1	1324.7	1357.2	1408.7
17.5°	885.6	893.2	912.9	932.6	951.5	971.2	1015.1	1058.2	1102.1	1145.3	1204.3
20°	743.3	735.0	735.0	735.8	735.8	735.8	779.7	822.8	866.7	909.9	987.8
22.5°	697.2	694.9	686.6	677.5	669.1	660.1	682.8	706.2	728.9	751.7	815.2
25°	681.3	672.9	662.3	651.7	641.1	630.5	644.9	659.3	673.7	688.1	738.0
27.5°	688.8	682.0	687.3	691.9	697.2	701.7	706.2	710.8	715.3	719.9	737.3
30°	745.6	743.3	751.7	759.2	767.6	775.1	764.5	754.7	744.1	733.5	739.5
32.5°	625.2	618.4	615.4	612.4	609.3	606.3	605.6	604.8	603.3	602.5	616.2
35°	563.9	557.9	553.3	548.8	543.5	539.0	541.2	542.7	545.0	546.5	561.7
37.5°	561.7	555.6	550.3	545.0	539.0	533.7	535.9	539.0	541.2	543.5	554.8
40°	557.9	550.3	547.3	544.3	541.2	538.2	539.7	541.2	542.0	543.5	551.8
42.5°	555.6	549.6	548.0	546.5	545.0	543.5	545.0	546.5	547.3	548.8	558.6
45°	550.3	547.3	548.8	550.3	551.8	553.3	553.3	553.3	553.3	553.3	563.9
47.5°	538.2	536.7	541.2	545.8	550.3	554.8	562.4	570.0	576.8	584.4	586.6
50°	523.1	523.1	530.6	538.2	545.0	552.6	570.7	588.2	606.3	623.7	612.4
52.5°	504.1	504.9	516.2	526.8	538.2	548.8	565.4	582.1	598.0	614.6	598.0
55°	476.9	479.2	493.5	507.2	521.5	535.2	548.0	560.9	573.8	586.6	569.2
57.5°	452.7	455.7	470.8	485.2	500.3	514.7	522.3	530.6	538.2	545.8	534.4
60°	430.0	434.5	454.2	473.9	492.8	512.5	506.4	500.3	493.5	487.5	486.7
62.5°	406.5	411.8	430.0	448.1	465.5	483.7	474.6	465.5	455.7	446.6	450.4
65°	377.0	382.3	390.6	398.9	406.5	414.8	414.1	414.1	413.3	412.5	420.1
67.5°	343.7	347.4	352.7	357.3	362.6	367.1	370.2	373.9	377.0	380.0	389.1
70°	308.1	311.9	317.2	321.7	327.0	331.5	335.3	339.1	342.1	345.9	355.0
72.5°	271.7	275.5	280.8	286.1	290.7	296.0	299.0	302.0	304.3	307.3	314.9
75°	233.1	237.7	243.0	247.5	252.8	257.4	259.6	261.9	264.2	266.4	273.3
77.5°	193.8	199.1	204.4	209.7	215.0	220.3	221.0	221.8	222.5	223.3	229.4
80°	152.1	159.0	164.3	169.6	174.9	180.2	180.2	180.2	180.2	180.2	183.2
82.5°	108.2	114.3	120.4	125.7	131.7	137.0	137.0	136.3	136.3	135.5	135.5
85°	62.1	67.4	71.2	75.7	79.5	83.3	83.3	83.3	82.5	82.5	81.0
87.5°	9.8	12.9	14.4	16.7	18.2	19.7	18.9	18.9	18.2	17.4	15.1
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: P367998

CATALOG NUMBER: MSA-SA3C-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: P367998

CATALOG NUMBER: MSA-SA3C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9
2.5°	1743.3	1762.2	1781.1	1778.1	1775.1	1772.0	1769.0	1780.4	1791.0	1802.3	1812.9
5°	1773.5	1784.9	1795.5	1803.8	1812.2	1820.5	1828.8	1867.4	1905.3	1943.9	1981.7
7.5°	1588.1	1584.3	1581.3	1616.9	1653.2	1688.8	1724.3	1773.5	1822.8	1872.0	1921.2
10°	1508.6	1516.9	1525.3	1539.6	1554.8	1569.2	1583.6	1632.0	1680.4	1728.9	1777.3
12.5°	1587.3	1634.3	1680.4	1691.8	1703.9	1715.3	1726.6	1736.5	1746.3	1755.4	1765.2
15°	1460.2	1511.6	1563.1	1592.6	1622.2	1650.9	1680.4	1754.6	1828.0	1902.2	1975.7
17.5°	1262.6	1321.6	1379.9	1452.6	1525.3	1597.9	1670.6	1738.7	1806.9	1874.2	1942.3
20°	1065.8	1143.0	1221.0	1300.5	1379.2	1458.7	1537.4	1604.0	1670.6	1736.5	1803.1
22.5°	878.1	941.7	1004.5	1101.4	1197.5	1294.4	1390.5	1514.7	1638.1	1762.2	1885.6
25°	787.2	837.2	886.4	986.3	1086.2	1185.4	1285.3	1446.5	1607.0	1768.2	1928.7
27.5°	755.4	772.9	790.3	881.1	971.2	1062.0	1152.1	1326.2	1500.3	1673.6	1847.7
30°	745.6	751.7	757.7	828.9	900.0	971.2	1042.3	1214.2	1386.7	1558.6	1730.4
32.5°	629.0	642.7	655.5	725.2	794.0	863.7	932.6	1105.9	1278.5	1451.8	1624.4
35°	576.8	591.9	607.1	675.2	743.3	810.7	878.8	1061.3	1244.4	1426.9	1609.3
37.5°	566.2	577.6	588.9	666.1	743.3	820.5	897.8	1082.4	1267.1	1451.8	1636.5
40°	560.9	569.2	577.6	652.5	728.2	803.1	878.1	1071.9	1264.9	1458.7	1651.7
42.5°	567.7	577.6	586.6	654.8	722.1	790.3	857.6	1058.2	1258.1	1458.7	1658.5
45°	573.8	584.4	594.2	657.8	721.4	785.0	848.5	1062.8	1276.2	1490.4	1703.9
47.5°	588.2	590.4	591.9	647.2	701.7	757.0	811.5	1029.5	1247.5	1464.7	1682.7
50°	600.3	588.9	576.8	634.3	691.1	748.6	805.4	1012.1	1218.7	1424.6	1631.2
52.5°	581.3	563.9	547.3	609.3	671.4	732.7	794.8	1001.5	1208.9	1415.5	1622.2
55°	552.6	535.2	517.8	580.6	643.4	706.2	769.1	975.0	1181.6	1387.5	1593.4
57.5°	523.8	512.5	501.1	552.6	604.8	656.3	707.8	931.1	1153.6	1376.9	1599.4
60°	486.0	484.5	483.7	523.8	564.7	604.8	644.9	863.7	1081.7	1300.5	1518.5
62.5°	453.4	457.2	460.2	492.8	525.3	557.1	589.7	800.9	1012.8	1224.0	1435.2
65°	428.4	436.0	443.6	480.7	517.8	554.1	591.2	768.3	945.4	1122.6	1299.7
67.5°	398.2	407.2	416.3	464.8	513.2	561.7	610.1	756.2	902.3	1048.4	1194.5
70°	363.3	372.4	380.7	442.8	504.1	566.2	627.5	757.0	887.2	1016.6	1146.0
72.5°	322.5	330.0	337.6	404.2	470.8	537.4	604.1	713.8	823.6	932.6	1042.3
75°	280.8	287.6	294.5	352.0	409.5	467.0	524.6	609.3	693.4	778.2	862.2
77.5°	234.7	240.7	246.0	284.6	323.2	361.8	400.4	465.5	529.9	595.0	659.3
80°	186.2	189.2	192.3	215.0	236.9	259.6	281.6	324.7	367.9	410.3	453.4
82.5°	136.3	136.3	136.3	150.6	165.8	180.2	194.5	216.5	237.7	259.6	280.8
85°	79.5	77.2	75.7	85.5	95.4	105.2	115.1	124.1	133.2	142.3	151.4
87.5°	12.9	9.8	7.6	13.6	19.7	25.7	31.8	34.8	38.6	41.6	44.7
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: P367998

CATALOG NUMBER: MSA-SA3C-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: P367998

CATALOG NUMBER: MSA-SA3C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9
2.5°	1787.2	1762.2	1736.5	1710.7	1748.6	1786.4	1824.3	1862.1	1962.8	2022.6	2026.4
5°	2013.5	2045.3	2077.1	2108.9	2140.7	2172.5	2203.5	2235.3	2398.8	2499.5	2518.4
7.5°	1973.4	2026.4	2078.6	2130.8	2220.9	2311.0	2401.1	2491.1	2629.7	2729.6	2795.4
10°	1842.4	1907.5	1972.6	2037.7	2144.5	2251.9	2358.7	2465.4	2612.3	2744.0	2806.8
12.5°	1868.9	1972.6	2075.6	2179.3	2271.6	2364.7	2457.1	2549.4	2650.9	2700.8	2815.1
15°	2047.6	2119.5	2191.4	2263.3	2402.6	2541.1	2680.4	2818.9	2876.4	2990.7	3093.7
17.5°	2074.8	2206.5	2339.0	2470.7	2641.0	2811.3	2981.7	3152.0	3258.7	3406.3	3530.4
20°	1990.0	2176.2	2363.2	2549.4	2768.9	2989.2	3208.7	3428.3	3563.8	3687.9	3880.2
22.5°	2091.5	2297.4	2502.5	2708.4	2999.8	3290.5	3581.9	3872.6	4155.7	4432.7	4562.9
25°	2203.5	2479.0	2753.8	3028.6	3392.7	3756.0	4120.1	4483.5	4847.5	5107.2	5257.1
27.5°	2124.8	2401.1	2678.1	2954.4	3404.8	3855.9	4306.3	4756.7	5146.5	5459.2	5587.9
30°	2069.5	2408.6	2747.8	3086.9	3615.2	4143.6	4671.9	5200.3	5560.6	5909.6	6098.8
32.5°	2059.7	2494.9	2929.4	3364.7	3980.1	4594.7	5210.1	5824.8	6064.0	6373.6	6628.7
35°	2086.9	2565.3	3043.0	3520.6	4226.1	4931.6	5636.3	6341.8	6681.7	6988.2	7211.5
37.5°	2170.2	2703.8	3236.7	3770.4	4620.5	5471.3	6321.3	7171.4	7741.4	8302.3	8402.2
40°	2217.1	2783.3	3348.8	3914.2	4902.8	5891.4	6880.0	7868.6	8524.1	9139.5	9181.1
42.5°	2272.4	2886.3	3499.4	4113.3	5209.4	6306.2	7402.3	8498.3	9309.8	9971.4	9991.1
45°	2336.0	2967.3	3599.3	4230.6	5375.1	6518.9	7663.4	8807.2	9788.2	10592.1	10396.0
47.5°	2360.9	3039.9	3718.2	4396.4	5616.6	6836.1	8056.3	9275.7	10156.1	10887.3	10699.6
50°	2370.8	3111.1	3850.6	4590.2	5854.3	7119.2	8383.3	9647.4	10542.9	11255.9	10968.3
52.5°	2432.1	3242.0	4052.0	4861.9	6179.0	7496.1	8813.2	10130.3	11011.4	11696.5	11339.2
55°	2514.6	3435.8	4356.3	5277.5	6640.8	8003.3	9366.6	10729.1	11613.2	12250.6	11807.8
57.5°	2591.1	3583.4	4575.0	5566.7	6979.1	8392.4	9804.9	11217.3	12112.8	12743.4	12314.2
60°	2554.0	3589.5	4625.0	5660.5	7048.8	8436.3	9824.5	11212.0	12228.6	12984.8	12765.3
62.5°	2441.9	3448.7	4454.7	5461.4	6779.3	8096.4	9414.3	10731.4	11921.3	12891.0	12881.1
65°	2226.2	3152.7	4078.5	5005.0	6224.5	7444.7	8664.1	9883.6	11286.2	12464.0	12540.5
67.5°	1963.5	2732.6	3501.7	4270.7	5419.1	6567.4	7715.7	8864.0	10363.5	11663.2	11729.0
70°	1709.2	2273.1	2836.3	3399.5	4407.8	5416.0	6423.5	7431.8	8946.5	10261.3	10321.9
72.5°	1411.0	1779.6	2147.5	2516.1	3332.9	4149.6	4965.6	5782.4	7112.4	8123.7	8465.0
75°	1080.9	1299.7	1518.5	1737.2	2398.0	3058.9	3718.9	4379.7	5263.9	6010.2	6394.8
77.5°	772.9	886.4	999.9	1113.5	1675.1	2236.8	2797.7	3359.4	3824.1	4247.3	4506.9
80°	507.2	560.1	613.9	666.9	1133.9	1601.0	2067.2	2534.3	2817.4	3044.5	3175.4
82.5°	307.3	333.8	359.6	386.0	764.5	1143.0	1520.7	1899.2	2061.2	2169.4	2286.0
85°	165.8	180.2	194.5	208.9	451.9	694.1	937.1	1179.3	1195.2	1208.1	1381.4
87.5°	48.4	53.0	56.8	60.6	99.9	140.0	179.4	218.8	136.3	84.8	174.1
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: P367998

CATALOG NUMBER: MSA-SA3C-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: P367998

CATALOG NUMBER: MSA-SA3C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9
2.5°	2004.4	1994.6	1984.7	1974.1	1964.3	1922.7	1881.8	1840.2	1798.5	1838.6	1878.0
5°	2496.4	2526.7	2556.2	2586.5	2616.8	2619.1	2620.6	2622.9	2624.4	2631.9	2639.5
7.5°	2850.7	2904.4	2957.4	3011.2	3064.9	3106.5	3148.2	3190.6	3232.2	3194.4	3156.5
10°	2881.0	2994.5	3108.1	3221.6	3335.1	3355.6	3375.3	3395.7	3416.1	3443.4	3469.9
12.5°	2911.3	3049.8	3187.5	3326.1	3464.6	3525.1	3584.9	3645.5	3705.3	3734.8	3763.6
15°	3231.4	3313.2	3394.2	3475.9	3556.9	3598.6	3639.4	3681.1	3722.7	3747.7	3771.9
17.5°	3643.2	3673.5	3703.0	3733.3	3763.6	3791.6	3819.6	3847.6	3875.6	3880.2	3884.7
20°	4018.7	4024.7	4030.0	4036.1	4041.4	3982.3	3924.1	3865.0	3806.0	3816.6	3826.4
22.5°	4581.9	4548.6	4516.0	4482.7	4450.1	4338.9	4228.4	4117.1	4006.6	3958.9	3912.0
25°	5429.6	5344.9	5260.1	5175.3	5090.5	4913.4	4737.0	4559.9	4383.5	4279.8	4176.9
27.5°	5702.9	5518.2	5334.3	5149.6	4964.9	4830.9	4697.7	4563.7	4430.5	4266.2	4101.9
30°	6255.5	5964.1	5673.4	5382.0	5090.5	4961.1	4831.7	4701.5	4572.0	4404.0	4236.7
32.5°	6745.2	6442.5	6139.7	5836.1	5533.4	5288.1	5042.8	4797.6	4552.3	4438.8	4325.2
35°	7312.2	6931.4	6550.7	6170.0	5789.2	5578.8	5369.1	5158.7	4949.0	4777.2	4606.1
37.5°	8138.0	7733.1	7328.1	6922.4	6517.4	6232.8	5948.9	5664.3	5380.4	5285.8	5192.0
40°	8925.3	8446.9	7969.2	7490.8	7013.2	6795.2	6577.2	6358.4	6140.4	5980.7	5821.0
42.5°	9584.6	9111.5	8639.1	8166.0	7693.7	7534.7	7376.5	7217.6	7059.4	6927.7	6796.0
45°	9810.9	9424.9	9039.6	8653.5	8267.5	8211.5	8156.2	8100.2	8044.9	7947.3	7849.6
47.5°	10175.0	9781.4	9388.5	8994.9	8601.3	8621.7	8642.2	8663.4	8683.8	8689.1	8693.6
50°	10389.2	10015.3	9642.1	9268.2	8895.0	8994.2	9092.6	9191.7	9290.9	9515.7	9739.8
52.5°	10701.8	10334.7	9968.4	9601.2	9234.1	9402.2	9569.4	9737.5	9904.8	10219.7	10534.6
55°	11094.0	10742.7	10392.3	10041.0	9690.6	9854.1	10016.8	10180.3	10343.1	10693.5	11044.0
57.5°	11614.0	11237.8	10862.3	10486.1	10110.7	10261.3	10411.2	10561.8	10711.7	11044.7	11377.8
60°	12205.9	11797.2	11388.4	10978.9	10570.1	10611.8	10652.6	10694.3	10735.2	11096.2	11456.5
62.5°	12496.6	12118.1	11740.4	11361.9	10983.4	10867.6	10751.8	10635.2	10519.4	10842.6	11165.1
65°	12244.5	11984.1	11724.5	11464.1	11203.7	10999.3	10795.7	10591.3	10387.0	10589.1	10790.4
67.5°	11442.2	11294.5	11147.7	11000.1	10852.5	10509.6	10166.7	9823.0	9480.1	9493.7	9506.6
70°	10141.7	10102.3	10063.7	10024.4	9985.0	9469.5	8954.8	8439.3	7923.8	7845.1	7766.4
72.5°	8493.8	8519.5	8544.5	8570.3	8596.0	8041.9	7487.8	6933.7	6379.6	6248.7	6117.7
75°	6578.7	6721.0	6863.3	7006.4	7148.7	6618.8	6089.0	5558.3	5028.5	4867.2	4706.0
77.5°	4648.5	4914.2	5179.1	5444.8	5710.5	5231.3	4752.9	4273.8	3794.6	3690.2	3585.7
80°	3241.3	3371.5	3501.7	3631.9	3762.1	3521.4	3280.6	3039.9	2799.2	2828.0	2856.0
82.5°	2360.9	2391.2	2420.7	2451.0	2481.3	2382.9	2284.5	2185.3	2086.9	2161.9	2236.8
85°	1512.4	1620.6	1728.1	1836.4	1943.9	1834.9	1725.9	1616.1	1507.1	1557.1	1607.0
87.5°	338.4	535.2	732.0	929.5	1126.4	1020.4	915.2	809.2	703.2	655.5	608.6
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: P367998

CATALOG NUMBER: MSA-SA3C-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: P367998

CATALOG NUMBER: MSA-SA3C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9
2.5°	1918.1	1958.2	1946.1	1934.8	1922.7	1910.6	1932.5	1954.5	1977.2	1999.1	1991.6
5°	2647.8	2655.4	2583.5	2512.3	2440.4	2368.5	2413.2	2457.8	2502.5	2547.2	2531.3
7.5°	3118.7	3080.8	3039.2	2997.5	2955.2	2913.5	2904.4	2895.4	2885.5	2876.4	2864.3
10°	3497.1	3523.6	3496.4	3469.9	3442.6	3415.4	3351.8	3288.2	3223.9	3160.3	3133.8
12.5°	3793.1	3822.6	3829.4	3835.5	3842.3	3849.1	3778.0	3707.6	3636.4	3565.3	3500.9
15°	3796.9	3821.9	3843.8	3865.0	3887.0	3908.2	3864.3	3821.1	3777.2	3733.3	3712.9
17.5°	3890.0	3894.5	3876.4	3859.0	3840.8	3823.4	3806.0	3789.3	3771.9	3755.3	3722.7
20°	3837.0	3847.6	3845.3	3843.1	3840.0	3837.8	3839.3	3840.0	3841.6	3842.3	3824.1
22.5°	3864.3	3816.6	3826.4	3835.5	3845.3	3854.4	3881.7	3908.9	3936.9	3964.2	4036.8
25°	4073.2	3969.5	3953.6	3938.4	3922.5	3907.4	3978.6	4049.0	4120.1	4191.3	4309.4
27.5°	3936.9	3772.7	3736.3	3700.0	3663.7	3627.3	3735.6	3843.1	3951.3	4059.6	4179.9
30°	4068.6	3901.4	3821.1	3740.9	3659.9	3579.6	3683.3	3786.3	3890.0	3992.9	4126.2
32.5°	4211.7	4098.2	4044.4	3991.4	3937.7	3884.7	3893.0	3901.4	3909.7	3918.0	4105.7
35°	4434.2	4262.4	4209.4	4156.4	4103.5	4050.5	4139.0	4226.8	4315.4	4403.2	4562.2
37.5°	5097.3	5002.7	4907.3	4812.0	4715.8	4620.5	4672.7	4724.9	4777.2	4829.4	4979.3
40°	5661.3	5501.6	5485.7	5470.5	5454.6	5438.7	5443.3	5447.1	5451.6	5456.1	5584.1
42.5°	6663.5	6531.8	6450.8	6369.8	6288.8	6207.8	6202.5	6197.2	6191.1	6185.8	6282.0
45°	7751.2	7653.6	7593.0	7532.5	7471.2	7410.6	7314.5	7218.3	7121.4	7025.3	7109.3
47.5°	8698.9	8704.2	8814.0	8923.0	9032.8	9142.5	8978.3	8814.0	8649.7	8485.5	8377.2
50°	9964.6	10188.6	10215.1	10240.9	10267.4	10293.8	10015.3	9737.5	9458.9	9180.4	9066.8
52.5°	10850.2	11165.1	11124.2	11084.1	11043.2	11002.4	10841.1	10680.7	10519.4	10358.2	10110.7
55°	11395.2	11745.7	11714.7	11684.4	11653.3	11622.3	11505.0	11387.7	11270.3	11153.0	10881.2
57.5°	11710.9	12043.9	12053.0	12062.1	12071.2	12080.3	12049.2	12018.2	11987.2	11956.1	11602.6
60°	11817.6	12178.7	12182.5	12185.5	12189.3	12192.3	12143.1	12093.9	12043.9	11994.7	11763.9
62.5°	11488.3	11810.8	11825.2	11838.8	11853.2	11867.6	11833.5	11799.4	11765.4	11731.3	11560.2
65°	10992.5	11194.6	11198.4	11201.4	11205.2	11209.0	11122.7	11037.2	10950.9	10864.6	10823.7
67.5°	9520.2	9533.9	9614.1	9694.3	9774.6	9854.8	9861.6	9868.4	9876.0	9882.8	9823.8
70°	7687.6	7608.9	7696.0	7783.0	7870.1	7957.1	7994.2	8031.3	8069.2	8106.2	8133.5
72.5°	5986.0	5855.1	5919.4	5983.7	6048.8	6113.2	6057.9	6002.7	5947.4	5892.1	6067.0
75°	4544.8	4383.5	4375.2	4367.6	4359.3	4351.7	4323.7	4295.7	4267.0	4239.0	4402.5
77.5°	3480.5	3376.0	3381.3	3385.9	3391.2	3395.7	3366.9	3338.9	3310.2	3281.4	3344.2
80°	2884.8	2912.8	2913.5	2914.3	2915.0	2915.8	2888.5	2862.1	2834.8	2807.6	2762.1
82.5°	2312.5	2387.4	2386.7	2386.7	2385.9	2385.2	2383.7	2382.1	2379.9	2378.4	2304.2
85°	1657.0	1706.9	1655.5	1604.0	1552.5	1501.0	1538.9	1576.7	1615.3	1653.2	1622.2
87.5°	560.9	514.0	452.7	392.1	330.8	269.5	335.3	401.2	467.8	533.7	571.5
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: P367998

CATALOG NUMBER: MSA-SA3C-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: P367998

CATALOG NUMBER: MSA-SA3C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9	1644.9
2.5°	1984.7	1977.2	1970.4	1922.7	1874.2	1826.5	1778.1	1865.9	1954.5	2042.3	2130.1
5°	2516.1	2500.2	2485.1	2481.3	2477.5	2473.0	2469.2	2513.9	2558.5	2602.4	2647.1
7.5°	2852.2	2840.1	2828.0	2796.2	2765.2	2733.4	2701.6	2728.8	2755.3	2782.6	2809.1
10°	3108.1	3081.6	3055.1	2986.2	2918.1	2849.2	2780.3	2759.9	2739.4	2719.0	2698.5
12.5°	3436.6	3371.5	3307.1	3229.2	3150.5	3072.5	2993.8	2983.2	2972.6	2962.7	2952.1
15°	3693.2	3672.8	3652.3	3590.2	3528.2	3466.1	3404.0	3320.8	3236.7	3153.5	3070.2
17.5°	3690.9	3658.4	3626.6	3709.8	3792.4	3875.6	3958.1	3869.6	3780.2	3691.7	3603.1
20°	3806.0	3787.1	3768.9	3922.5	4075.5	4229.1	4382.0	4333.6	4284.4	4235.9	4186.7
22.5°	4108.8	4181.4	4253.3	4385.0	4516.0	4647.7	4778.7	4833.9	4889.2	4944.4	4999.7
25°	4426.7	4544.8	4662.9	4858.9	5054.2	5250.2	5446.3	5485.7	5525.0	5564.4	5603.7
27.5°	4299.5	4419.9	4540.2	4688.6	4836.2	4984.6	5132.2	5304.7	5478.1	5650.7	5823.3
30°	4258.6	4391.9	4524.3	4727.9	4930.8	5134.4	5338.1	5575.7	5813.4	6050.4	6288.0
32.5°	4292.7	4480.4	4668.1	4943.7	5218.5	5494.0	5769.5	6019.3	6269.9	6519.7	6769.5
35°	4720.4	4879.3	5037.5	5345.6	5653.7	5961.8	6269.9	6562.8	6855.8	7147.9	7440.9
37.5°	5128.4	5278.3	5428.1	5743.0	6057.2	6372.1	6687.0	7149.5	7612.7	8075.2	8537.7
40°	5711.2	5839.2	5966.3	6235.8	6505.3	6774.8	7044.2	7602.1	8160.0	8717.9	9275.7
42.5°	6377.4	6473.5	6568.9	6848.2	7127.5	7406.8	7686.1	8293.2	8901.0	9508.1	10115.2
45°	7192.6	7276.6	7360.6	7552.9	7745.2	7938.2	8130.5	8756.5	9382.5	10008.5	10634.5
47.5°	8269.0	8160.7	8052.5	8147.1	8241.7	8336.4	8431.0	9050.2	9669.4	10287.8	10907.0
50°	8953.3	8839.7	8726.2	8734.5	8742.1	8750.4	8758.7	9336.3	9913.9	10490.7	11068.2
52.5°	9863.1	9614.9	9367.3	9365.1	9362.8	9359.8	9357.5	9860.9	10365.0	10868.4	11371.8
55°	10609.5	10337.8	10066.0	10013.0	9960.0	9906.3	9853.3	10351.4	10848.7	11346.8	11844.1
57.5°	11249.1	10894.9	10541.4	10458.1	10374.8	10291.6	10208.3	10745.0	11282.4	11819.1	12355.8
60°	11533.7	11302.9	11072.8	10970.6	10868.4	10766.2	10664.0	11121.2	11578.4	12034.8	12492.0
62.5°	11389.9	11218.8	11048.5	11072.0	11095.5	11118.9	11142.4	11403.5	11665.5	11926.6	12187.8
65°	10783.6	10742.7	10702.6	10891.8	11081.1	11270.3	11459.6	11463.3	11467.1	11470.9	11474.7
67.5°	9764.7	9705.7	9646.7	10040.3	10433.1	10826.7	11220.4	11033.4	10846.4	10660.2	10473.2
70°	8160.0	8187.2	8213.7	8749.7	9284.8	9820.8	10356.7	10085.7	9813.9	9542.9	9271.2
72.5°	6241.9	6417.5	6592.3	7147.9	7703.5	8259.1	8814.8	8505.2	8194.8	7885.2	7574.9
75°	4566.0	4729.5	4893.0	5441.8	5990.6	6540.1	7088.9	6721.0	6353.1	5986.0	5618.1
77.5°	3407.1	3470.6	3533.5	3989.9	4445.6	4902.0	5357.7	4988.3	4618.9	4250.3	3880.9
80°	2717.5	2672.1	2627.4	2880.2	3133.0	3385.9	3638.7	3376.8	3114.1	2852.2	2590.3
82.5°	2230.8	2156.6	2083.1	2177.0	2270.9	2365.5	2459.4	2249.7	2040.0	1830.3	1620.6
85°	1591.1	1560.1	1529.1	1556.3	1582.8	1610.0	1637.3	1432.9	1228.5	1024.9	820.5
87.5°	608.6	646.4	684.3	727.4	769.8	813.0	855.4	669.9	484.5	299.8	114.3
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: P367998

CATALOG NUMBER: MSA-SA3C-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: P367998

CATALOG NUMBER: MSA-SA3C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1644.9	1644.9
2.5°	2166.4	2202.7
5°	2646.3	2645.6
7.5°	2797.0	2784.1
10°	2665.2	2631.9
12.5°	2853.7	2754.6
15°	2971.8	2872.6
17.5°	3454.0	3304.1
20°	4008.8	3830.2
22.5°	4727.9	4456.2
25°	5279.0	4953.5
27.5°	5630.2	5436.5
30°	6066.2	5844.5
32.5°	6606.0	6441.7
35°	7291.0	7140.4
37.5°	8490.8	8443.1
40°	9219.0	9161.4
42.5°	10117.5	10119.0
45°	10668.5	10702.6
47.5°	10993.3	11078.8
50°	11252.2	11435.3
52.5°	11622.3	11872.9
55°	12177.2	12509.5
57.5°	12638.9	12922.0
60°	12638.9	12785.0
62.5°	12184.0	12179.4
65°	11404.3	11333.1
67.5°	10383.9	10294.6
70°	9131.9	8991.9
72.5°	7401.5	7227.4
75°	5379.7	5140.5
77.5°	3767.4	3653.1
80°	2645.6	2700.8
82.5°	1699.4	1778.1
85°	808.4	796.3
87.5°	95.4	76.5
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: P367998

CATALOG NUMBER: MSA-SA3C-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)