

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: P368350

Luminaire Tested: **MSA-SA4B-730-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P368350
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA4B-730-U-SLR
Description: MESA POST TOP DECORATIVE LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS
EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15157 lumens
Efficiency: N/A
Efficacy: 88.6 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): 171
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



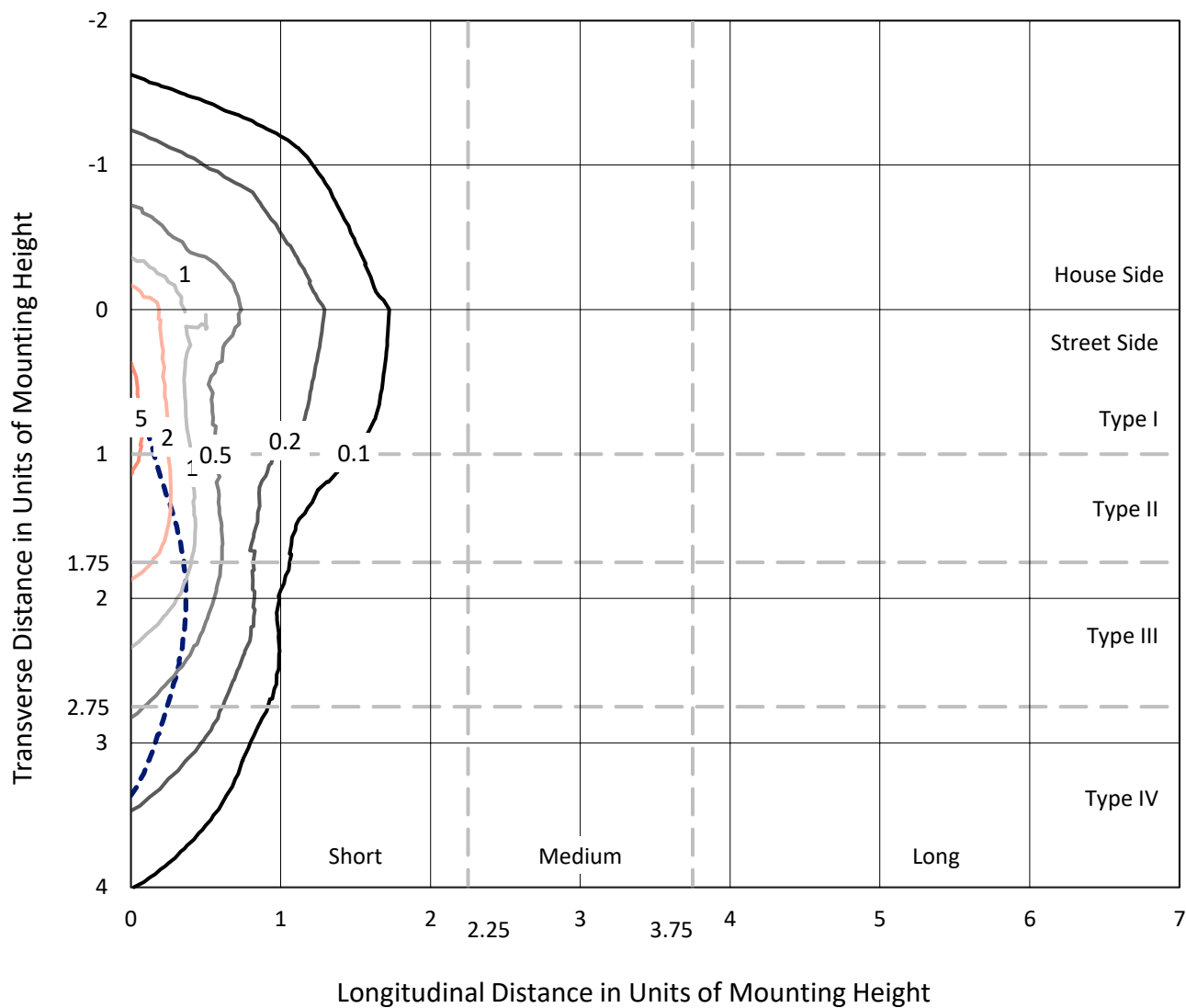
REPORT NUMBER: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

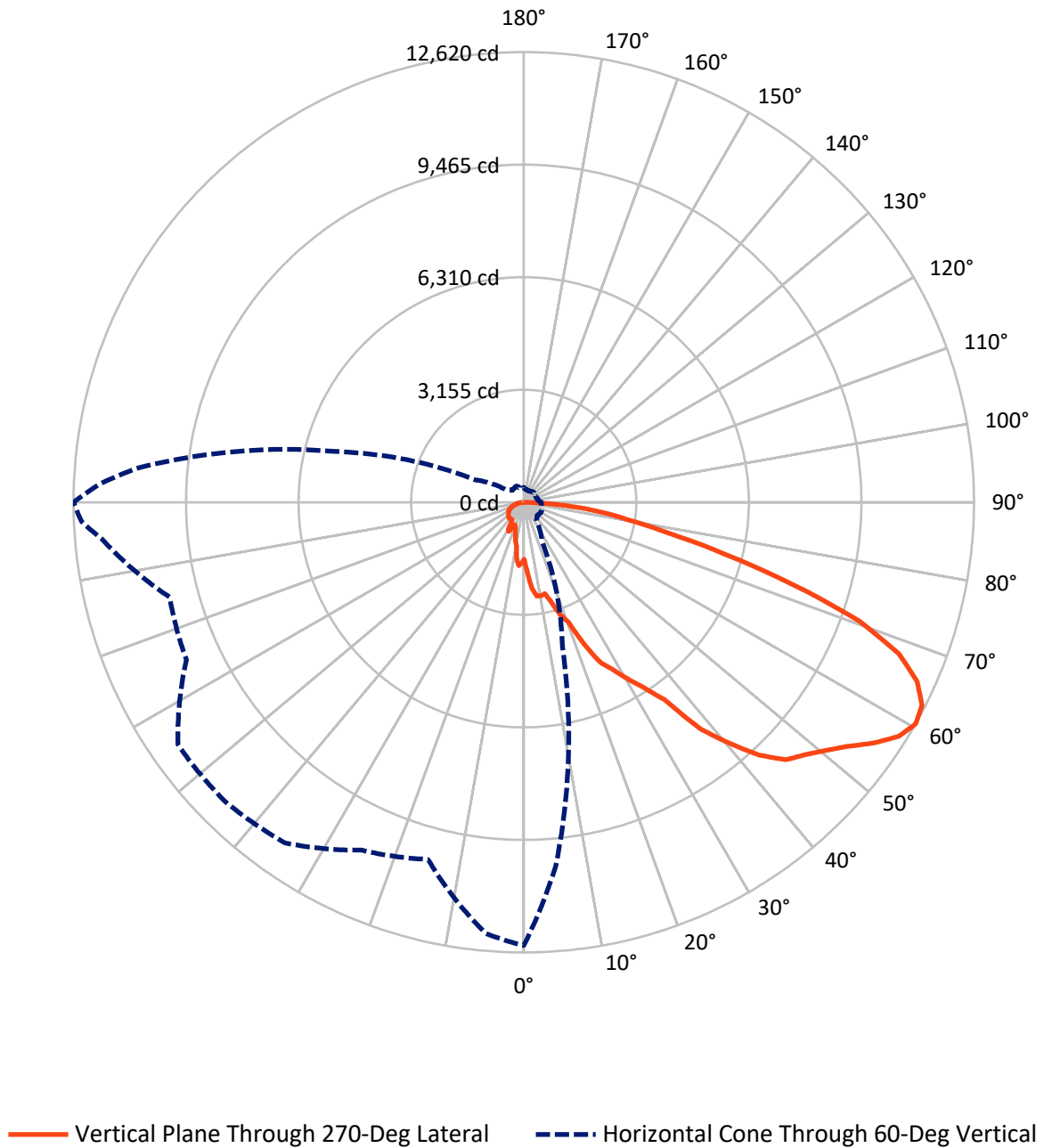


Based on 25 foot mounting height. Maximum calculated value = 6.5 fc

Type IV - Short - N/A

REPORT NUMBER: P368350
CATALOG NUMBER: MSA-SA4B-730-U-SLR

Luminous Intensity Polar Plot



REPORT NUMBER: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

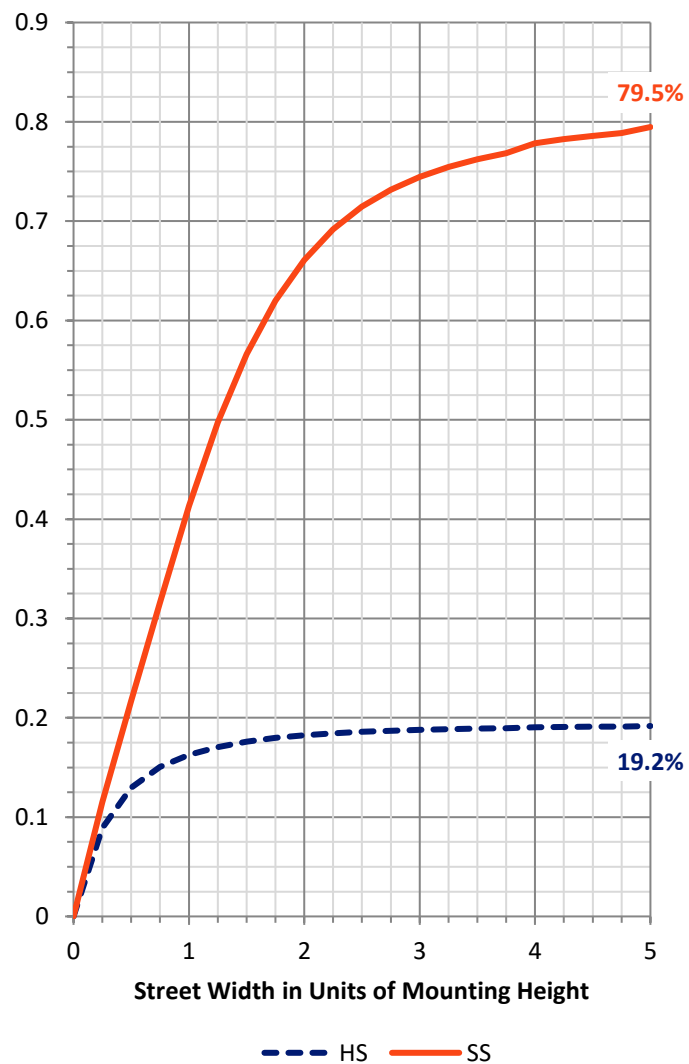
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2935.6	0.0	2935.6
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	12221.4	0.0	12221.4
	% Fixture	80.6	0.0	80.6
Total	Lumens	15157.0	0.0	15157.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.3	1.2
10°-20°	532.6	3.5
20°-30°	940.2	6.2
30°-40°	1464.3	9.7
40°-50°	2410.7	15.9
50°-60°	3440.9	22.7
60°-70°	3648.6	24.1
70°-80°	2015.2	13.3
80°-90°	521.4	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°	15157.0	100.0
0°-180°	15157.0	100.0

Coefficient of Utilization



REPORT NUMBER: P368350

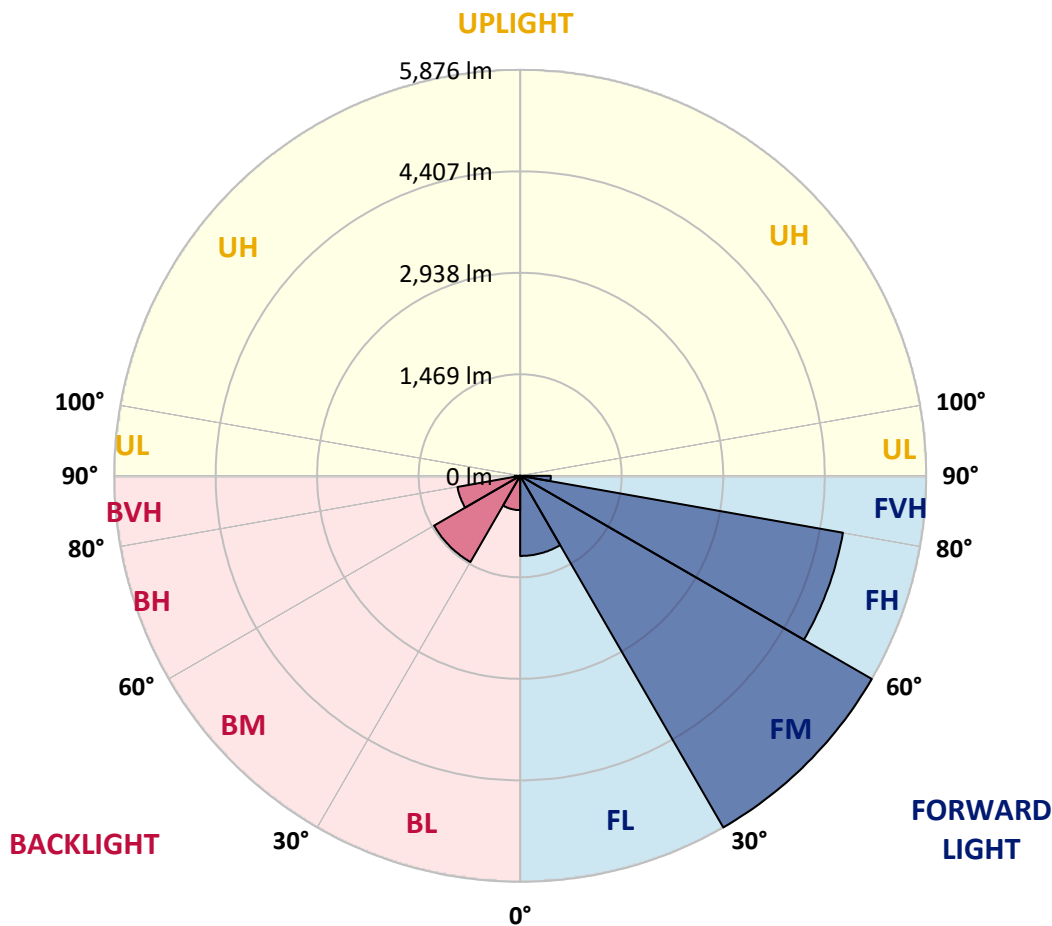
CATALOG NUMBER: MSA-SA4B-730-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1159.8	7.7			
FM	(30°-60°)	5875.8	38.8			
FH	(60°-80°)	4742.7	31.3			G2/5000
FVH	(80°-90°)	443.2	2.9			G3/500
BL	(0°-30°)	496.2	3.3	B1/500		
BM	(30°-60°)	1440.0	9.5	B2/2500		
BH	(60°-80°)	921.1	6.1	B2/1000		G2/1000
BVH	(80°-90°)	78.2	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



REPORT NUMBER: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7
2.5°	2140.9	2154.1	2166.6	2141.6	2116.6	2090.8	2065.8	2028.3	1990.1	1952.5	1914.3
5°	2571.3	2522.7	2473.4	2453.5	2434.4	2414.6	2394.7	2376.3	2357.9	2338.8	2320.4
7.5°	2705.9	2636.7	2566.8	2537.4	2508.0	2477.8	2448.4	2382.2	2316.0	2249.0	2182.8
10°	2558.0	2485.9	2413.1	2384.4	2355.0	2326.3	2296.8	2215.9	2135.7	2054.8	1973.9
12.5°	2677.2	2603.6	2529.3	2438.1	2346.9	2254.9	2163.7	2118.8	2073.9	2028.3	1983.4
15°	2792.0	2692.6	2592.6	2501.4	2410.1	2318.2	2227.0	2137.2	2047.4	1957.7	1867.9
17.5°	3211.3	3045.8	2880.3	2715.5	2549.9	2385.1	2219.6	2115.9	2011.4	1907.7	1803.2
20°	3722.6	3492.4	3261.3	3011.2	2760.3	2510.2	2259.3	2128.4	1998.2	1867.2	1736.2
22.5°	4331.0	4040.4	3749.8	3434.2	3118.6	2802.3	2486.7	2296.8	2107.0	1916.5	1726.7
25°	4814.4	4534.8	4255.3	3855.0	3454.8	3054.6	2654.4	2438.8	2223.3	2007.0	1791.4
27.5°	5283.8	4838.7	4392.8	3934.5	3476.9	3018.6	2560.2	2360.8	2161.5	1962.1	1762.7
30°	5680.3	5327.2	4974.0	4375.9	3777.8	3178.9	2580.8	2335.8	2090.8	1845.9	1600.9
32.5°	6260.8	5756.8	5252.1	4628.3	4004.4	3380.5	2756.7	2443.2	2129.8	1816.4	1503.0
35°	6939.8	6416.0	5892.2	5120.4	4349.4	3577.7	2805.9	2474.1	2141.6	1809.8	1477.3
37.5°	8206.0	7282.7	6358.6	5516.3	4673.9	3830.8	2988.4	2602.9	2217.4	1831.1	1445.6
40°	8904.1	8050.7	7197.3	6147.5	5097.6	4047.1	2997.2	2602.9	2207.8	1813.5	1418.4
42.5°	9834.8	8755.5	7675.5	6540.3	5405.9	4270.7	3135.5	2698.5	2261.5	1823.8	1386.8
45°	10402.0	9199.1	7995.5	6782.4	5569.2	4356.1	3142.9	2699.3	2255.6	1812.0	1368.4
47.5°	10767.7	9612.6	8456.8	7151.0	5845.1	4538.5	3232.7	2761.8	2290.2	1819.4	1347.8
50°	11114.2	9970.2	8825.4	7469.5	6114.4	4758.5	3402.6	2888.3	2374.1	1859.1	1344.9
52.5°	11539.4	10485.9	9431.6	7977.2	6521.9	5067.5	3612.3	3052.4	2492.5	1932.7	1372.8
55°	12158.1	11120.1	10081.2	8520.1	6958.2	5397.1	3835.2	3213.5	2592.6	1970.9	1349.3
57.5°	12559.1	11506.3	10453.5	8861.5	7269.4	5676.6	4084.6	3396.0	2707.4	2018.0	1329.4
60°	12425.9	11340.0	10253.4	8735.7	7217.9	5700.2	4182.4	3438.6	2695.6	1951.8	1208.0
62.5°	11837.4	10683.0	9528.7	8169.2	6810.3	5450.8	4091.2	3334.9	2579.4	1823.1	1066.8
65°	11014.8	9821.5	8627.5	7401.1	6174.7	4948.3	3721.9	3035.5	2348.3	1661.9	974.8
67.5°	10005.5	8761.4	7516.6	6430.7	5344.8	4258.2	3172.3	2598.5	2025.4	1451.5	877.7
70°	8739.3	7516.6	6293.9	5354.4	4414.9	3475.4	2535.9	2104.1	1673.0	1241.1	809.3
72.5°	7024.4	5969.4	4914.5	4175.1	3435.7	2696.3	1957.0	1656.8	1357.4	1057.2	757.0
75°	4996.1	4375.9	3755.7	3180.4	2605.1	2029.1	1453.7	1259.5	1065.3	871.1	676.8
77.5°	3550.5	3184.8	2819.2	2368.2	1917.2	1466.2	1015.3	901.2	787.9	673.9	559.9
80°	2625.0	2319.7	2014.3	1674.4	1334.6	994.7	654.8	598.9	543.7	487.8	431.9
82.5°	1728.2	1590.6	1452.3	1183.0	913.7	644.5	375.2	354.6	334.0	313.4	292.8
85°	774.0	817.4	860.0	695.2	529.7	364.9	199.4	189.8	180.2	170.7	161.1
87.5°	74.3	109.6	144.9	124.3	103.0	82.4	61.1	60.3	60.3	59.6	58.9
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: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

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

REPORT NUMBER: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7
2.5°	1924.6	1934.9	1945.2	1955.5	1944.4	1933.4	1921.6	1910.6	1896.6	1882.6	1867.9
5°	2289.5	2257.9	2227.0	2195.3	2148.2	2101.1	2053.3	2006.2	2000.4	1993.7	1987.9
7.5°	2124.7	2067.3	2009.2	1951.1	1877.5	1804.7	1731.1	1657.5	1635.5	1613.4	1591.3
10°	1934.9	1895.2	1856.2	1816.4	1770.8	1725.2	1678.9	1633.2	1572.9	1511.9	1451.5
12.5°	1918.7	1854.0	1788.5	1723.7	1695.8	1667.8	1639.9	1611.9	1558.9	1506.0	1452.3
15°	1815.7	1762.7	1710.5	1657.5	1617.1	1576.6	1536.1	1495.7	1453.0	1409.6	1366.9
17.5°	1742.9	1682.5	1622.2	1561.9	1515.5	1469.2	1422.1	1375.8	1324.3	1272.0	1220.5
20°	1667.1	1598.7	1529.5	1460.4	1401.5	1343.4	1284.5	1225.7	1169.0	1113.1	1056.5
22.5°	1636.2	1545.7	1455.2	1364.7	1302.9	1240.4	1178.6	1116.1	1063.8	1011.6	959.3
25°	1683.3	1575.9	1467.7	1359.6	1276.4	1192.6	1109.4	1025.6	982.2	938.7	894.6
27.5°	1628.1	1492.7	1358.1	1222.7	1133.7	1044.0	954.9	865.2	858.6	851.9	844.6
30°	1458.9	1316.9	1174.9	1032.9	951.3	868.9	787.2	704.8	689.3	673.2	657.7
32.5°	1358.1	1213.2	1068.2	923.3	850.5	776.9	704.1	630.5	612.8	595.2	577.5
35°	1319.8	1162.4	1005.0	847.5	785.0	722.5	659.9	597.4	584.9	573.1	560.6
37.5°	1288.9	1133.0	976.3	819.6	759.2	698.9	637.8	577.5	568.0	558.4	548.8
40°	1259.5	1101.3	942.4	783.5	729.8	676.8	623.1	569.4	563.5	557.7	551.0
42.5°	1233.0	1079.3	924.8	771.0	723.2	676.1	628.3	580.5	574.6	568.7	562.8
45°	1218.3	1068.2	918.1	768.1	733.5	698.9	663.6	629.0	615.0	601.1	586.4
47.5°	1207.3	1066.8	926.2	785.7	749.7	713.6	677.6	641.5	629.0	616.5	603.3
50°	1209.5	1074.9	939.5	804.1	760.7	716.6	673.2	629.0	627.5	626.1	624.6
52.5°	1229.3	1086.6	943.2	799.7	752.6	705.5	657.7	610.6	620.2	629.0	638.6
55°	1200.7	1052.0	902.7	754.1	709.2	665.1	620.2	575.3	587.8	599.6	612.1
57.5°	1168.3	1007.2	846.1	684.9	651.1	617.2	582.7	548.8	562.1	576.1	589.3
60°	1060.9	913.7	766.6	619.5	596.6	573.8	551.0	528.2	534.1	540.0	545.9
62.5°	943.2	818.8	695.2	570.9	553.2	534.9	517.2	498.8	498.8	499.5	499.5
65°	868.1	761.4	654.8	548.1	528.2	508.4	487.8	467.9	465.0	462.0	459.1
67.5°	793.1	709.2	624.6	540.0	511.3	483.4	454.7	426.0	422.3	419.3	415.7
70°	734.2	659.2	584.1	509.1	476.7	445.1	412.7	380.4	377.4	375.2	372.3
72.5°	686.4	616.5	545.9	475.3	441.4	406.8	373.0	338.4	336.2	334.0	331.1
75°	614.3	552.5	490.0	427.4	394.3	362.0	328.9	295.7	292.8	290.6	287.7
77.5°	508.4	456.1	404.6	352.4	326.6	301.6	275.9	250.1	248.7	247.2	245.0
80°	391.4	350.9	309.7	269.3	252.3	234.7	217.8	200.1	199.4	198.6	197.2
82.5°	268.5	244.3	220.0	195.7	183.2	169.9	157.4	144.2	144.9	145.7	146.4
85°	153.0	144.2	136.1	127.3	117.0	107.4	97.1	86.8	89.0	91.2	92.7
87.5°	55.9	53.0	50.0	47.1	41.9	37.5	32.4	27.2	28.7	30.9	32.4
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: P368350

CATALOG NUMBER: MSA-SA4B-730-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: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7
2.5°	1854.0	1831.9	1809.8	1787.7	1765.7	1720.1	1675.2	1629.6	1584.0	1611.9	1640.6
5°	1981.2	1943.7	1905.5	1867.9	1829.7	1808.3	1787.0	1765.7	1744.3	1755.4	1767.1
7.5°	1569.2	1547.2	1524.4	1502.3	1479.5	1469.9	1461.1	1451.5	1442.0	1469.2	1496.4
10°	1390.5	1359.6	1328.7	1297.0	1266.1	1247.7	1229.3	1211.0	1192.6	1199.9	1207.3
12.5°	1399.3	1353.7	1308.1	1262.5	1216.8	1189.6	1162.4	1135.2	1108.0	1114.6	1121.2
15°	1323.5	1276.4	1229.3	1182.3	1135.2	1103.5	1071.2	1039.5	1007.2	996.1	984.4
17.5°	1168.3	1116.8	1065.3	1013.8	962.3	941.0	919.6	898.3	877.0	865.2	853.4
20°	999.8	952.0	904.2	856.4	808.5	793.8	779.1	763.7	748.9	741.6	733.5
22.5°	907.1	877.7	847.5	818.1	787.9	771.0	754.8	737.9	721.0	712.9	704.1
25°	851.2	857.1	863.7	869.6	875.5	868.1	860.0	852.7	844.6	847.5	849.7
27.5°	838.0	850.5	863.7	876.2	888.7	895.3	902.0	908.6	915.2	917.4	919.6
30°	641.5	648.1	654.0	660.7	666.5	684.9	703.3	721.0	739.4	768.1	797.5
32.5°	559.9	557.7	555.5	552.5	550.3	554.7	559.1	562.8	567.2	577.5	588.6
35°	548.1	542.9	537.1	531.9	526.0	528.2	530.4	532.6	534.9	542.9	551.0
37.5°	539.3	537.1	535.6	533.4	531.2	536.3	540.7	545.9	550.3	556.9	563.5
40°	545.2	544.4	543.7	542.2	541.5	544.4	547.4	550.3	553.2	562.1	570.9
42.5°	556.9	556.9	556.2	556.2	555.5	558.4	560.6	563.5	565.8	570.9	576.1
45°	572.4	570.9	570.2	568.7	567.2	566.5	566.5	565.8	565.0	568.0	571.6
47.5°	590.8	585.6	579.7	574.6	568.7	567.2	565.0	563.5	561.3	562.8	564.3
50°	623.1	609.2	595.9	581.9	568.0	564.3	560.6	556.9	553.2	552.5	552.5
52.5°	647.4	626.8	606.2	585.6	565.0	558.4	551.8	545.2	538.5	537.1	536.3
55°	623.9	608.4	593.7	578.3	562.8	553.2	542.9	533.4	523.1	520.9	518.7
57.5°	602.5	593.0	583.4	573.8	564.3	554.7	544.4	534.9	524.6	519.4	514.3
60°	551.8	551.8	552.5	552.5	552.5	542.2	531.9	521.6	511.3	506.2	501.7
62.5°	499.5	507.6	515.0	523.1	530.4	516.5	501.7	487.8	473.1	469.4	466.4
65°	456.1	458.3	461.3	463.5	465.7	454.7	443.6	432.6	421.6	419.3	416.4
67.5°	412.0	411.3	410.5	409.0	408.3	401.7	394.3	387.7	380.4	377.4	374.5
70°	369.3	368.6	367.8	366.4	365.6	359.8	353.9	348.0	342.1	339.9	337.7
72.5°	328.9	328.1	326.6	325.9	324.4	319.3	314.9	309.7	304.6	301.6	298.7
75°	284.7	283.2	281.8	280.3	278.8	274.4	270.0	264.9	260.4	257.5	254.6
77.5°	243.5	241.3	239.1	236.2	234.0	230.3	225.9	222.2	217.8	214.1	211.1
80°	196.4	195.0	193.5	191.3	189.8	186.1	182.5	178.0	174.4	169.9	166.3
82.5°	147.1	146.4	144.9	144.2	142.7	139.0	135.4	131.7	128.0	123.6	119.2
85°	94.9	94.2	93.4	92.7	92.0	89.0	86.8	83.9	80.9	76.5	72.8
87.5°	33.8	32.4	31.6	30.2	28.7	28.0	26.5	25.7	24.3	22.1	19.9
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: P368350

CATALOG NUMBER: MSA-SA4B-730-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: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7
2.5°	1668.6	1696.5	1697.3	1697.3	1710.5	1723.0	1697.3	1671.5	1645.0	1619.3	1593.5
5°	1778.2	1789.2	1786.3	1782.6	1766.4	1750.2	1733.3	1716.4	1699.5	1682.5	1683.3
7.5°	1523.6	1550.8	1572.9	1594.3	1573.7	1553.1	1542.0	1531.0	1519.9	1508.9	1507.4
10°	1213.9	1221.3	1230.1	1238.2	1225.7	1212.4	1234.5	1256.6	1277.9	1300.0	1275.7
12.5°	1127.8	1134.4	1119.0	1102.8	1097.7	1092.5	1087.4	1081.5	1076.3	1070.4	1067.5
15°	973.3	961.6	949.8	937.3	934.3	930.7	927.0	922.6	918.9	914.5	901.2
17.5°	841.6	829.9	810.0	789.4	781.3	772.5	770.3	768.1	765.1	762.9	750.4
20°	726.1	718.0	712.9	707.0	698.9	690.8	682.7	674.6	665.8	657.7	645.9
22.5°	696.0	687.1	680.5	673.2	671.7	670.2	655.5	640.1	625.3	609.9	603.3
25°	852.7	854.9	814.4	773.2	769.5	765.9	739.4	712.2	685.7	658.4	635.6
27.5°	921.1	923.3	921.8	920.4	908.6	896.1	851.2	805.6	760.7	715.1	682.7
30°	826.2	854.9	865.9	877.0	868.9	860.0	812.9	766.6	719.5	672.4	651.1
32.5°	598.9	609.2	627.5	645.2	654.8	663.6	648.9	634.2	619.5	604.7	601.1
35°	558.4	566.5	570.2	573.8	568.0	562.1	551.0	540.0	528.2	517.2	515.0
37.5°	569.4	576.1	583.4	590.8	574.6	557.7	545.2	533.4	520.9	508.4	498.1
40°	579.7	588.6	593.0	597.4	581.2	565.0	549.6	534.9	519.4	504.0	493.7
42.5°	581.2	586.4	594.4	602.5	579.7	556.2	542.2	527.5	513.5	498.8	488.5
45°	574.6	577.5	584.9	592.2	565.8	538.5	526.0	512.8	500.3	487.0	478.2
47.5°	565.0	566.5	572.4	577.5	549.6	520.9	509.1	497.3	484.8	473.1	464.2
50°	551.8	551.0	555.5	559.1	530.4	501.7	490.0	478.9	467.2	455.4	448.0
52.5°	534.9	533.4	537.8	541.5	511.3	481.1	470.8	461.3	451.0	440.7	434.8
55°	515.7	513.5	517.2	520.9	491.4	461.3	452.5	442.9	434.1	424.5	419.3
57.5°	508.4	503.2	505.4	507.6	474.5	441.4	432.6	423.8	414.9	406.1	402.4
60°	496.6	491.4	493.7	495.1	459.8	423.8	415.7	406.8	398.7	389.9	386.2
62.5°	462.8	459.1	462.0	465.0	433.3	401.0	393.6	387.0	379.6	372.3	367.1
65°	414.2	411.3	417.1	423.0	395.8	368.6	364.2	359.8	354.6	350.2	345.0
67.5°	371.5	368.6	374.5	380.4	360.5	340.6	336.2	331.8	327.4	323.0	320.0
70°	335.5	333.3	338.4	343.6	326.6	309.7	305.3	301.6	297.2	292.8	290.6
72.5°	295.0	292.1	298.7	304.6	290.6	275.9	272.2	267.8	264.1	259.7	258.2
75°	251.6	248.7	254.6	259.7	250.1	239.8	236.2	232.5	228.8	225.1	224.4
77.5°	207.5	203.8	209.7	214.8	208.9	202.3	199.4	195.7	192.8	189.1	189.1
80°	161.9	157.4	161.9	165.5	163.3	161.1	158.9	156.0	153.8	150.8	151.6
82.5°	114.8	110.4	112.6	114.8	116.2	117.7	117.7	117.7	117.7	117.7	117.7
85°	68.4	64.0	64.7	65.5	67.7	69.9	70.6	71.4	72.1	72.8	73.6
87.5°	17.7	15.4	14.0	11.8	14.0	15.4	16.9	17.7	19.1	19.9	19.9
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: P368350

CATALOG NUMBER: MSA-SA4B-730-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: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7
2.5°	1567.8	1541.3	1515.5	1531.7	1547.2	1563.4	1578.8	1579.5	1579.5	1580.3	1580.3
5°	1684.7	1685.5	1686.2	1670.8	1656.1	1640.6	1625.2	1617.1	1609.0	1600.1	1592.0
7.5°	1505.2	1503.8	1501.6	1486.8	1472.1	1457.4	1442.7	1407.4	1371.3	1336.0	1300.0
10°	1250.7	1226.4	1201.4	1195.5	1190.4	1184.5	1178.6	1169.0	1160.2	1150.6	1141.1
12.5°	1064.6	1061.6	1058.7	1043.2	1027.8	1011.6	996.1	996.1	996.1	996.1	996.1
15°	887.2	874.0	860.0	852.7	844.6	837.2	829.1	825.5	821.8	818.1	814.4
17.5°	737.2	724.7	711.4	709.9	708.5	707.0	705.5	701.9	698.2	694.5	690.8
20°	634.2	622.4	610.6	615.0	619.5	623.1	627.5	623.9	620.2	615.8	612.1
22.5°	595.9	589.3	581.9	578.3	574.6	570.2	566.5	566.5	567.2	567.2	567.2
25°	613.6	590.8	568.0	556.9	545.9	534.1	523.1	518.7	515.0	510.6	506.2
27.5°	650.4	617.2	584.9	565.8	546.6	527.5	508.4	500.3	491.4	483.4	474.5
30°	629.0	607.7	585.6	563.5	541.5	519.4	497.3	487.0	476.7	465.7	455.4
32.5°	597.4	593.0	589.3	568.7	548.1	526.8	506.2	501.7	498.1	493.7	489.2
35°	512.0	509.8	506.9	501.7	496.6	491.4	486.3	480.4	474.5	468.6	462.8
37.5°	488.5	478.2	467.9	465.7	463.5	461.3	459.1	456.9	454.7	451.7	449.5
40°	483.4	473.1	462.8	459.1	455.4	451.0	447.3	448.0	449.5	450.2	451.0
42.5°	477.5	467.2	456.1	453.2	450.2	447.3	444.4	445.1	446.6	447.3	448.0
45°	470.1	461.3	452.5	447.3	442.9	437.7	432.6	437.0	441.4	445.1	449.5
47.5°	455.4	445.8	437.0	434.1	431.1	427.4	424.5	428.9	433.3	437.0	441.4
50°	439.9	432.6	424.5	423.8	423.0	421.6	420.8	423.8	426.7	429.6	432.6
52.5°	428.2	422.3	415.7	415.7	414.9	414.9	414.2	417.1	420.1	422.3	425.2
55°	414.9	409.8	404.6	405.4	406.8	407.6	408.3	411.3	414.9	417.9	420.8
57.5°	398.0	394.3	389.9	392.9	395.1	398.0	400.2	402.4	405.4	407.6	409.8
60°	381.8	378.1	373.7	376.7	380.4	383.3	386.2	388.4	390.7	392.9	395.1
62.5°	362.0	356.1	350.9	355.3	359.0	363.4	367.1	368.6	370.8	372.3	373.7
65°	340.6	335.5	330.3	333.3	336.2	338.4	341.4	343.6	345.8	348.0	350.2
67.5°	316.3	313.4	309.7	311.9	314.1	316.3	318.6	319.3	319.3	320.0	320.0
70°	287.7	285.5	282.5	284.0	286.2	287.7	289.1	289.1	289.1	288.4	288.4
72.5°	257.5	256.0	254.6	255.3	256.8	257.5	258.2	257.5	256.8	256.0	255.3
75°	223.7	222.9	222.2	222.9	224.4	225.1	225.9	225.1	223.7	222.9	221.4
77.5°	189.8	189.8	189.8	189.8	190.5	190.5	190.5	189.1	187.6	186.1	184.7
80°	152.3	153.0	153.8	153.8	153.8	153.8	153.8	152.3	150.8	148.6	147.1
82.5°	117.7	117.7	117.7	117.7	118.4	118.4	118.4	114.8	111.8	108.1	104.5
85°	73.6	74.3	74.3	75.0	75.8	75.8	76.5	71.4	66.9	61.8	56.6
87.5°	19.9	19.9	19.9	19.9	19.9	19.1	19.1	14.7	9.6	5.1	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: P368350

CATALOG NUMBER: MSA-SA4B-730-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: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7
2.5°	1584.7	1589.1	1592.8	1597.2	1597.9	1598.7	1598.7	1599.4	1584.0	1568.5	1552.3
5°	1603.1	1613.4	1624.4	1634.7	1632.5	1630.3	1628.1	1625.9	1621.5	1617.8	1613.4
7.5°	1291.9	1284.5	1276.4	1268.3	1275.0	1281.6	1288.2	1294.8	1297.8	1300.7	1302.9
10°	1122.7	1104.3	1085.9	1067.5	1057.2	1046.2	1035.9	1024.8	1023.4	1022.6	1021.1
12.5°	977.0	957.1	938.0	918.1	912.3	905.6	899.8	893.1	899.0	904.9	910.1
15°	806.3	799.0	790.9	782.8	789.4	796.0	802.6	809.3	815.2	820.3	826.2
17.5°	687.1	684.2	680.5	676.8	682.7	689.3	695.2	701.1	714.4	727.6	740.8
20°	609.2	606.9	604.0	601.1	598.9	595.9	593.7	590.8	609.9	628.3	647.4
22.5°	562.8	558.4	554.0	549.6	550.3	551.0	551.0	551.8	567.2	583.4	598.9
25°	504.7	503.2	501.7	500.3	504.7	509.1	512.8	517.2	531.2	545.2	558.4
27.5°	475.3	476.0	476.7	477.5	483.4	490.0	495.9	501.7	511.3	520.9	530.4
30°	459.1	463.5	467.2	470.8	473.1	475.3	477.5	479.7	489.2	498.1	507.6
32.5°	483.4	477.5	470.8	465.0	467.9	471.6	474.5	477.5	486.3	495.1	504.0
35°	460.5	457.6	455.4	452.5	456.1	459.8	462.8	466.4	474.5	481.9	490.0
37.5°	448.8	448.0	447.3	446.6	448.8	451.0	452.5	454.7	462.0	469.4	476.0
40°	448.0	444.4	441.4	437.7	439.9	442.2	443.6	445.8	454.7	463.5	472.3
42.5°	443.6	439.2	434.1	429.6	431.9	434.8	437.0	439.2	448.8	457.6	467.2
45°	442.9	436.3	428.9	422.3	425.2	428.2	431.1	434.1	441.4	448.8	455.4
47.5°	434.8	428.2	421.6	414.9	416.4	417.9	418.6	420.1	426.7	432.6	439.2
50°	428.2	423.0	418.6	413.5	411.3	409.8	407.6	405.4	410.5	415.7	420.8
52.5°	420.1	414.9	409.0	403.9	401.0	398.0	395.1	392.1	396.5	400.2	404.6
55°	414.9	408.3	402.4	395.8	392.1	388.4	384.8	381.1	384.0	386.2	389.2
57.5°	403.9	398.0	391.4	385.5	381.1	376.7	371.5	367.1	368.6	370.1	371.5
60°	389.2	382.6	376.7	370.1	364.9	359.8	353.9	348.7	349.5	350.9	351.7
62.5°	367.8	362.0	355.3	349.5	343.6	338.4	332.5	326.6	328.1	328.9	330.3
65°	344.3	337.7	331.8	325.2	320.0	314.9	309.0	303.8	305.3	306.8	307.5
67.5°	315.6	310.5	306.0	300.9	296.5	291.3	286.9	281.8	282.5	283.2	284.0
70°	284.7	280.3	276.6	272.2	268.5	264.9	261.2	257.5	257.5	258.2	258.2
72.5°	251.6	247.9	244.3	240.6	236.9	234.0	230.3	226.6	228.1	229.5	230.3
75°	217.8	214.8	211.1	207.5	204.5	201.6	197.9	195.0	196.4	197.9	198.6
77.5°	182.5	180.2	177.3	175.1	172.2	169.2	165.5	162.6	164.1	165.5	166.3
80°	145.7	144.2	142.0	140.5	137.6	134.6	131.7	128.7	129.5	129.5	130.2
82.5°	105.2	105.9	105.9	106.7	104.5	101.5	99.3	96.4	96.4	96.4	95.6
85°	58.9	61.8	64.0	66.2	64.0	61.8	59.6	57.4	56.6	56.6	55.9
87.5°	2.2	3.7	5.9	7.4	6.6	5.9	4.4	3.7	4.4	5.1	5.1
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: P368350

CATALOG NUMBER: MSA-SA4B-730-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: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7
2.5°	1536.9	1549.4	1561.9	1574.4	1586.9	1606.0	1625.2	1645.0	1664.9	1653.8	1642.1
5°	1609.0	1616.3	1624.4	1631.8	1639.1	1660.5	1681.1	1706.8	1731.8	1728.9	1725.2
7.5°	1305.9	1316.2	1326.5	1336.0	1346.3	1378.7	1411.1	1438.3	1465.5	1461.8	1457.4
10°	1019.7	1041.0	1063.1	1084.4	1105.8	1132.2	1158.0	1180.8	1203.6	1241.9	1279.4
12.5°	915.9	949.0	982.2	1015.3	1048.4	1067.5	1085.9	1115.3	1144.7	1165.3	1186.7
15°	831.3	862.2	893.1	924.0	954.9	956.4	957.9	988.8	1019.7	1037.3	1054.3
17.5°	754.1	771.0	787.9	804.1	821.0	815.2	809.3	824.0	838.0	845.3	853.4
20°	665.8	677.6	689.3	701.1	712.9	721.0	728.3	737.2	745.3	737.9	729.8
22.5°	614.3	632.0	650.4	668.0	685.7	690.8	695.2	690.1	684.9	682.7	680.5
25°	572.4	593.7	615.8	637.1	658.4	668.7	679.0	683.5	687.1	679.0	671.0
27.5°	540.0	565.8	590.8	616.5	641.5	659.9	678.3	683.5	687.9	682.0	675.4
30°	516.5	544.4	572.4	600.3	628.3	656.2	683.5	707.7	731.3	729.1	726.9
32.5°	512.8	531.9	551.0	570.2	589.3	606.9	623.9	625.3	626.1	620.2	613.6
35°	497.3	509.8	522.3	534.9	547.4	558.4	568.7	567.2	565.8	559.9	554.0
37.5°	483.4	495.9	509.1	521.6	534.1	553.2	571.6	568.0	563.5	557.7	551.8
40°	481.1	495.1	509.1	522.3	536.3	554.0	571.6	568.0	564.3	556.9	549.6
42.5°	476.0	490.0	503.2	517.2	530.4	551.8	572.4	565.8	558.4	552.5	546.6
45°	462.8	475.3	487.8	500.3	512.8	535.6	558.4	550.3	542.2	540.0	537.1
47.5°	445.1	457.6	470.1	482.6	495.1	517.9	540.0	533.4	526.0	525.3	523.8
50°	426.0	437.7	450.2	462.0	473.8	496.6	518.7	512.8	506.9	507.6	507.6
52.5°	408.3	419.3	429.6	440.7	451.0	473.8	495.9	491.4	486.3	487.8	488.5
55°	391.4	400.2	409.0	417.9	426.7	448.8	470.8	464.2	457.6	459.8	462.0
57.5°	373.0	380.4	387.7	394.3	401.7	423.8	445.1	437.7	429.6	433.3	436.3
60°	352.4	359.0	365.6	371.5	378.1	398.0	417.1	410.5	403.2	408.3	412.7
62.5°	331.1	336.2	341.4	346.5	351.7	370.1	388.4	383.3	378.1	384.0	389.2
65°	309.0	312.7	317.1	320.8	324.4	342.1	359.0	355.3	351.7	356.8	362.0
67.5°	284.7	287.7	291.3	294.3	297.2	313.4	329.6	325.9	321.5	325.9	329.6
70°	258.2	261.2	263.4	266.3	268.5	283.2	298.0	292.8	286.9	291.3	295.0
72.5°	231.7	233.2	235.4	236.9	238.4	249.4	260.4	256.0	251.6	256.0	259.7
75°	200.1	201.6	203.1	204.5	206.0	215.6	224.4	219.2	213.4	217.8	222.2
77.5°	167.7	168.5	169.9	170.7	171.4	178.0	183.9	178.8	172.9	178.0	183.2
80°	130.2	131.0	131.7	131.7	132.4	134.6	136.8	133.2	128.7	135.4	142.0
82.5°	95.6	94.9	94.9	94.2	93.4	93.4	92.7	90.5	87.5	93.4	99.3
85°	55.2	54.4	53.0	52.2	50.8	48.6	46.3	45.6	44.9	50.0	55.2
87.5°	5.9	5.1	3.7	2.9	1.5	0.7	0.0	0.0	0.0	2.9	6.6
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: P368350

CATALOG NUMBER: MSA-SA4B-730-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: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7
2.5°	1631.0	1619.3	1608.2	1597.2	1586.2	1575.1	1595.7	1616.3	1636.9	1657.5	1675.9
5°	1722.3	1718.6	1709.0	1700.2	1690.6	1681.1	1686.2	1692.1	1697.3	1702.4	1713.4
7.5°	1453.7	1449.3	1469.9	1489.8	1510.4	1530.2	1535.4	1539.8	1545.0	1549.4	1546.4
10°	1317.6	1355.2	1364.7	1373.5	1383.1	1391.9	1406.7	1421.4	1435.3	1450.1	1458.2
12.5°	1207.3	1227.9	1261.7	1296.3	1330.1	1364.0	1386.1	1408.1	1430.2	1452.3	1497.9
15°	1071.9	1088.8	1114.6	1140.3	1166.1	1191.8	1223.5	1255.8	1287.5	1319.1	1369.1
17.5°	860.8	868.1	887.2	906.4	924.8	943.9	986.6	1028.5	1071.2	1113.1	1170.5
20°	722.5	714.4	714.4	715.1	715.1	715.1	757.8	799.7	842.4	884.3	960.1
22.5°	677.6	675.4	667.3	658.4	650.4	641.5	663.6	686.4	708.5	730.5	792.3
25°	662.1	654.0	643.7	633.4	623.1	612.8	626.8	640.8	654.8	668.7	717.3
27.5°	669.5	662.9	668.0	672.4	677.6	682.0	686.4	690.8	695.2	699.6	716.6
30°	724.7	722.5	730.5	737.9	746.0	753.4	743.1	733.5	723.2	712.9	718.8
32.5°	607.7	601.1	598.1	595.2	592.2	589.3	588.6	587.8	586.4	585.6	598.9
35°	548.1	542.2	537.8	533.4	528.2	523.8	526.0	527.5	529.7	531.2	545.9
37.5°	545.9	540.0	534.9	529.7	523.8	518.7	520.9	523.8	526.0	528.2	539.3
40°	542.2	534.9	531.9	529.0	526.0	523.1	524.6	526.0	526.8	528.2	536.3
42.5°	540.0	534.1	532.6	531.2	529.7	528.2	529.7	531.2	531.9	533.4	542.9
45°	534.9	531.9	533.4	534.9	536.3	537.8	537.8	537.8	537.8	537.8	548.1
47.5°	523.1	521.6	526.0	530.4	534.9	539.3	546.6	554.0	560.6	568.0	570.2
50°	508.4	508.4	515.7	523.1	529.7	537.1	554.7	571.6	589.3	606.2	595.2
52.5°	490.0	490.7	501.7	512.0	523.1	533.4	549.6	565.8	581.2	597.4	581.2
55°	463.5	465.7	479.7	492.9	506.9	520.1	532.6	545.2	557.7	570.2	553.2
57.5°	439.9	442.9	457.6	471.6	486.3	500.3	507.6	515.7	523.1	530.4	519.4
60°	417.9	422.3	441.4	460.5	478.9	498.1	492.2	486.3	479.7	473.8	473.1
62.5°	395.1	400.2	417.9	435.5	452.5	470.1	461.3	452.5	442.9	434.1	437.7
65°	366.4	371.5	379.6	387.7	395.1	403.2	402.4	402.4	401.7	401.0	408.3
67.5°	334.0	337.7	342.8	347.2	352.4	356.8	359.8	363.4	366.4	369.3	378.1
70°	299.4	303.1	308.3	312.7	317.8	322.2	325.9	329.6	332.5	336.2	345.0
72.5°	264.1	267.8	272.9	278.1	282.5	287.7	290.6	293.5	295.7	298.7	306.0
75°	226.6	231.0	236.2	240.6	245.7	250.1	252.3	254.6	256.8	259.0	265.6
77.5°	188.3	193.5	198.6	203.8	208.9	214.1	214.8	215.6	216.3	217.0	222.9
80°	147.9	154.5	159.6	164.8	169.9	175.1	175.1	175.1	175.1	175.1	178.0
82.5°	105.2	111.1	117.0	122.1	128.0	133.2	133.2	132.4	132.4	131.7	131.7
85°	60.3	65.5	69.2	73.6	77.2	80.9	80.9	80.9	80.2	80.2	78.7
87.5°	9.6	12.5	14.0	16.2	17.7	19.1	18.4	18.4	17.7	16.9	14.7
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: P368350

CATALOG NUMBER: MSA-SA4B-730-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: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7
2.5°	1694.3	1712.7	1731.1	1728.2	1725.2	1722.3	1719.3	1730.4	1740.7	1751.7	1762.0
5°	1723.7	1734.8	1745.1	1753.2	1761.3	1769.3	1777.4	1815.0	1851.7	1889.3	1926.1
7.5°	1543.5	1539.8	1536.9	1571.4	1606.8	1641.3	1675.9	1723.7	1771.6	1819.4	1867.2
10°	1466.2	1474.3	1482.4	1496.4	1511.1	1525.1	1539.1	1586.2	1633.2	1680.3	1727.4
12.5°	1542.8	1588.4	1633.2	1644.3	1656.1	1667.1	1678.1	1687.7	1697.3	1706.1	1715.6
15°	1419.2	1469.2	1519.2	1547.9	1576.6	1604.6	1633.2	1705.3	1776.7	1848.8	1920.2
17.5°	1227.1	1284.5	1341.2	1411.8	1482.4	1553.1	1623.7	1689.9	1756.1	1821.6	1887.8
20°	1035.9	1110.9	1186.7	1263.9	1340.4	1417.7	1494.2	1558.9	1623.7	1687.7	1752.4
22.5°	853.4	915.2	976.3	1070.4	1163.9	1258.0	1351.5	1472.1	1592.0	1712.7	1832.6
25°	765.1	813.7	861.5	958.6	1055.7	1152.1	1249.2	1405.9	1561.9	1718.6	1874.6
27.5°	734.2	751.1	768.1	856.4	943.9	1032.2	1119.7	1288.9	1458.2	1626.6	1795.8
30°	724.7	730.5	736.4	805.6	874.7	943.9	1013.1	1180.1	1347.8	1514.8	1681.8
32.5°	611.4	624.6	637.1	704.8	771.7	839.4	906.4	1074.9	1242.6	1411.1	1578.8
35°	560.6	575.3	590.0	656.2	722.5	787.9	854.1	1031.4	1209.5	1386.8	1564.1
37.5°	550.3	561.3	572.4	647.4	722.5	797.5	872.5	1052.0	1231.6	1411.1	1590.6
40°	545.2	553.2	561.3	634.2	707.7	780.6	853.4	1041.7	1229.3	1417.7	1605.3
42.5°	551.8	561.3	570.2	636.4	701.9	768.1	833.5	1028.5	1222.7	1417.7	1611.9
45°	557.7	568.0	577.5	639.3	701.1	762.9	824.7	1032.9	1240.4	1448.6	1656.1
47.5°	571.6	573.8	575.3	629.0	682.0	735.7	788.7	1000.5	1212.4	1423.6	1635.5
50°	583.4	572.4	560.6	616.5	671.7	727.6	782.8	983.6	1184.5	1384.6	1585.4
52.5°	565.0	548.1	531.9	592.2	652.6	712.2	772.5	973.3	1174.9	1375.8	1576.6
55°	537.1	520.1	503.2	564.3	625.3	686.4	747.5	947.6	1148.4	1348.5	1548.6
57.5°	509.1	498.1	487.0	537.1	587.8	637.8	687.9	904.9	1121.2	1338.2	1554.5
60°	472.3	470.8	470.1	509.1	548.8	587.8	626.8	839.4	1051.3	1263.9	1475.8
62.5°	440.7	444.4	447.3	478.9	510.6	541.5	573.1	778.4	984.4	1189.6	1394.9
65°	416.4	423.8	431.1	467.2	503.2	538.5	574.6	746.7	918.9	1091.0	1263.2
67.5°	387.0	395.8	404.6	451.7	498.8	545.9	593.0	735.0	877.0	1018.9	1160.9
70°	353.1	362.0	370.1	430.4	490.0	550.3	609.9	735.7	862.2	988.0	1113.8
72.5°	313.4	320.8	328.1	392.9	457.6	522.3	587.1	693.8	800.4	906.4	1013.1
75°	272.9	279.6	286.2	342.1	398.0	453.9	509.8	592.2	673.9	756.3	838.0
77.5°	228.1	234.0	239.1	276.6	314.1	351.7	389.2	452.5	515.0	578.3	640.8
80°	181.0	183.9	186.9	208.9	230.3	252.3	273.7	315.6	357.5	398.7	440.7
82.5°	132.4	132.4	132.4	146.4	161.1	175.1	189.1	210.4	231.0	252.3	272.9
85°	77.2	75.0	73.6	83.1	92.7	102.3	111.8	120.7	129.5	138.3	147.1
87.5°	12.5	9.6	7.4	13.2	19.1	25.0	30.9	33.8	37.5	40.5	43.4
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: P368350

CATALOG NUMBER: MSA-SA4B-730-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: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7
2.5°	1737.0	1712.7	1687.7	1662.7	1699.5	1736.2	1773.0	1809.8	1907.7	1965.8	1969.5
5°	1957.0	1987.9	2018.8	2049.7	2080.5	2111.4	2141.6	2172.5	2331.4	2429.3	2447.7
7.5°	1918.0	1969.5	2020.2	2071.0	2158.5	2246.1	2333.6	2421.2	2555.8	2652.9	2716.9
10°	1790.7	1854.0	1917.2	1980.5	2084.2	2188.7	2292.4	2396.2	2538.9	2666.9	2728.0
12.5°	1816.4	1917.2	2017.3	2118.1	2207.8	2298.3	2388.1	2477.8	2576.4	2625.0	2736.1
15°	1990.1	2060.0	2129.8	2199.7	2335.1	2469.7	2605.1	2739.7	2795.6	2906.7	3006.8
17.5°	2016.5	2144.6	2273.3	2401.3	2566.8	2732.4	2897.9	3063.4	3167.2	3310.6	3431.3
20°	1934.1	2115.1	2296.8	2477.8	2691.2	2905.3	3118.6	3332.0	3463.7	3584.3	3771.2
22.5°	2032.7	2232.8	2432.2	2632.3	2915.6	3198.1	3481.3	3763.8	4039.0	4308.2	4434.8
25°	2141.6	2409.4	2676.5	2943.5	3297.4	3650.5	4004.4	4357.5	4711.4	4963.7	5109.4
27.5°	2065.1	2333.6	2602.9	2871.4	3309.2	3747.6	4185.4	4623.1	5002.0	5305.8	5430.9
30°	2011.4	2341.0	2670.6	3000.2	3513.7	4027.2	4540.7	5054.2	5404.4	5743.6	5927.5
32.5°	2001.8	2424.9	2847.1	3270.2	3868.3	4465.7	5063.8	5661.2	5893.7	6194.6	6442.5
35°	2028.3	2493.3	2957.5	3421.7	4107.4	4793.1	5478.0	6163.7	6494.0	6791.9	7009.0
37.5°	2109.2	2627.9	3145.8	3664.5	4490.7	5317.6	6143.8	6970.0	7524.0	8069.1	8166.2
40°	2154.9	2705.2	3254.7	3804.3	4765.1	5725.9	6686.7	7647.6	8284.7	8882.8	8923.3
42.5°	2208.6	2805.2	3401.1	3997.8	5063.1	6129.1	7194.4	8259.7	9048.3	9691.3	9710.5
45°	2270.4	2883.9	3498.2	4111.8	5224.2	6335.8	7448.2	8559.8	9513.3	10294.6	10104.1
47.5°	2294.6	2954.6	3613.7	4272.9	5458.9	6644.1	7830.0	9015.2	9870.8	10581.5	10399.1
50°	2304.2	3023.7	3742.5	4461.3	5689.9	6919.2	8147.8	9376.5	10246.8	10939.8	10660.2
52.5°	2363.8	3151.0	3938.2	4725.4	6005.5	7285.6	8565.7	9845.8	10702.2	11368.0	11020.7
55°	2444.0	3339.3	4233.9	5129.3	6454.3	7778.5	9103.5	10427.8	11287.1	11906.5	11476.1
57.5°	2518.3	3482.8	4446.5	5410.3	6783.1	8156.7	9529.5	10902.3	11772.6	12385.4	11968.3
60°	2482.2	3488.7	4495.1	5501.5	6850.8	8199.3	9548.6	10897.1	11885.2	12620.1	12406.8
62.5°	2373.4	3351.8	4329.6	5308.0	6588.9	7869.0	9149.9	10430.0	11586.5	12528.9	12519.3
65°	2163.7	3064.2	3963.9	4864.4	6049.6	7235.6	8420.8	9606.0	10969.2	12114.0	12188.3
67.5°	1908.4	2655.9	3403.3	4150.8	5266.9	6382.9	7499.0	8615.0	10072.4	11335.6	11399.6
70°	1661.2	2209.3	2756.7	3304.0	4284.0	5263.9	6243.1	7223.1	8695.2	9973.1	10032.0
72.5°	1371.3	1729.6	2087.2	2445.5	3239.3	4033.1	4826.2	5620.0	6912.6	7895.5	8227.3
75°	1050.6	1263.2	1475.8	1688.4	2330.7	2972.9	3614.5	4256.7	5116.0	5841.4	6215.2
77.5°	751.1	861.5	971.9	1082.2	1628.1	2174.0	2719.1	3265.0	3716.7	4128.0	4380.3
80°	492.9	544.4	596.6	648.1	1102.1	1556.0	2009.2	2463.1	2738.3	2959.0	3086.2
82.5°	298.7	324.4	349.5	375.2	743.1	1110.9	1478.0	1845.9	2003.3	2108.5	2221.8
85°	161.1	175.1	189.1	203.1	439.2	674.6	910.8	1146.2	1161.7	1174.2	1342.6
87.5°	47.1	51.5	55.2	58.9	97.1	136.1	174.4	212.6	132.4	82.4	169.2
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: P368350

CATALOG NUMBER: MSA-SA4B-730-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: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7
2.5°	1948.1	1938.6	1929.0	1918.7	1909.1	1868.7	1828.9	1788.5	1748.0	1787.0	1825.3
5°	2426.3	2455.8	2484.4	2513.9	2543.3	2545.5	2547.0	2549.2	2550.7	2558.0	2565.4
7.5°	2770.6	2822.9	2874.4	2926.6	2978.8	3019.3	3059.8	3101.0	3141.4	3104.6	3067.9
10°	2800.1	2910.4	3020.8	3131.1	3241.5	3261.3	3280.5	3300.3	3320.2	3346.7	3372.4
12.5°	2829.5	2964.1	3098.0	3232.7	3367.3	3426.1	3484.3	3543.1	3601.2	3629.9	3657.9
15°	3140.7	3220.1	3298.9	3378.3	3457.0	3497.5	3537.2	3577.7	3618.2	3642.4	3666.0
17.5°	3540.9	3570.3	3599.0	3628.5	3657.9	3685.1	3712.3	3739.5	3766.8	3771.2	3775.6
20°	3905.8	3911.7	3916.8	3922.7	3927.9	3870.5	3813.9	3756.5	3699.1	3709.4	3718.9
22.5°	4453.2	4420.8	4389.2	4356.8	4325.2	4217.0	4109.6	4001.5	3894.0	3847.7	3802.1
25°	5277.2	5194.8	5112.4	5030.0	4947.6	4775.4	4604.0	4431.8	4260.4	4159.6	4059.6
27.5°	5542.7	5363.2	5184.5	5004.9	4825.4	4695.2	4565.7	4435.5	4306.0	4146.4	3986.7
30°	6079.8	5796.6	5514.0	5230.8	4947.6	4821.8	4696.0	4569.4	4443.6	4280.3	4117.7
32.5°	6555.8	6261.5	5967.2	5672.2	5377.9	5139.6	4901.2	4662.8	4424.5	4314.1	4203.8
35°	7106.8	6736.8	6366.7	5996.7	5626.6	5422.1	5218.3	5013.8	4810.0	4643.0	4476.7
37.5°	7909.5	7515.9	7122.3	6727.9	6334.3	6057.7	5781.8	5505.2	5229.3	5137.4	5046.1
40°	8674.6	8209.6	7745.4	7280.5	6816.2	6604.3	6392.5	6179.9	5968.0	5812.7	5657.5
42.5°	9315.4	8855.6	8396.5	7936.7	7477.6	7323.1	7169.4	7014.9	6861.1	6733.1	6605.1
45°	9535.4	9160.2	8785.7	8410.5	8035.3	7980.8	7927.1	7872.7	7819.0	7724.1	7629.2
47.5°	9889.2	9506.7	9124.8	8742.3	8359.7	8379.6	8399.4	8420.0	8439.9	8445.1	8449.5
50°	10097.4	9734.0	9371.3	9007.9	8645.2	8741.5	8837.2	8933.6	9029.9	9248.4	9466.2
52.5°	10401.3	10044.5	9688.4	9331.6	8974.8	9138.1	9300.7	9464.0	9626.6	9932.6	10238.7
55°	10782.4	10441.0	10100.4	9759.0	9418.4	9577.3	9735.5	9894.4	10052.6	10393.2	10733.8
57.5°	11287.8	10922.1	10557.2	10191.6	9826.7	9973.1	10118.8	10265.2	10410.8	10734.5	11058.3
60°	11863.1	11465.8	11068.6	10670.5	10273.3	10313.7	10353.5	10393.9	10433.6	10784.6	11134.8
62.5°	12145.6	11777.8	11410.7	11042.8	10675.0	10562.4	10449.8	10336.5	10224.0	10538.1	10851.5
65°	11900.6	11647.5	11395.2	11142.1	10889.0	10690.4	10492.5	10293.9	10095.2	10291.7	10487.4
67.5°	11120.8	10977.3	10834.6	10691.1	10547.7	10214.4	9881.1	9547.1	9213.9	9227.1	9239.6
70°	9856.9	9818.6	9781.1	9742.8	9704.6	9203.6	8703.3	8202.3	7701.3	7624.8	7548.2
72.5°	8255.3	8280.3	8304.5	8329.6	8354.6	7816.0	7277.5	6739.0	6200.4	6073.2	5945.9
75°	6393.9	6532.2	6670.6	6809.6	6947.9	6432.9	5917.9	5402.2	4887.2	4730.5	4573.8
77.5°	4517.9	4776.1	5033.6	5291.9	5550.1	5084.4	4619.4	4153.7	3688.0	3586.5	3485.0
80°	3150.3	3276.8	3403.3	3529.9	3656.4	3422.5	3188.5	2954.6	2720.6	2748.6	2775.8
82.5°	2294.6	2324.1	2352.8	2382.2	2411.6	2316.0	2220.3	2124.0	2028.3	2101.1	2174.0
85°	1469.9	1575.1	1679.6	1784.8	1889.3	1783.3	1677.4	1570.7	1464.8	1513.3	1561.9
87.5°	328.9	520.1	711.4	903.4	1094.7	991.7	889.5	786.5	683.5	637.1	591.5
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: P368350

CATALOG NUMBER: MSA-SA4B-730-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: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7
2.5°	1864.3	1903.2	1891.5	1880.4	1868.7	1856.9	1878.2	1899.6	1921.6	1943.0	1935.6
5°	2573.5	2580.8	2510.9	2441.8	2371.9	2302.0	2345.4	2388.8	2432.2	2475.6	2460.2
7.5°	3031.1	2994.3	2953.8	2913.4	2872.2	2831.7	2822.9	2814.0	2804.5	2795.6	2783.9
10°	3398.9	3424.7	3398.2	3372.4	3345.9	3319.5	3257.7	3195.9	3133.3	3071.5	3045.8
12.5°	3686.6	3715.3	3721.9	3727.8	3734.4	3741.0	3671.9	3603.4	3534.3	3465.1	3402.6
15°	3690.3	3714.5	3735.9	3756.5	3777.8	3798.4	3755.7	3713.8	3671.1	3628.5	3608.6
17.5°	3780.7	3785.2	3767.5	3750.6	3732.9	3716.0	3699.1	3682.9	3666.0	3649.8	3618.2
20°	3729.2	3739.5	3737.3	3735.1	3732.2	3730.0	3731.5	3732.2	3733.7	3734.4	3716.7
22.5°	3755.7	3709.4	3718.9	3727.8	3737.3	3746.2	3772.7	3799.1	3826.4	3852.8	3923.5
25°	3958.8	3858.0	3842.5	3827.8	3812.4	3797.7	3866.8	3935.2	4004.4	4073.6	4188.3
27.5°	3826.4	3666.7	3631.4	3596.1	3560.8	3525.5	3630.7	3735.1	3840.3	3945.5	4062.5
30°	3954.4	3791.8	3713.8	3635.8	3557.1	3479.1	3579.9	3680.0	3780.7	3880.8	4010.3
32.5°	4093.4	3983.1	3930.8	3879.3	3827.1	3775.6	3783.7	3791.8	3799.9	3808.0	3990.4
35°	4309.7	4142.7	4091.2	4039.7	3988.2	3936.7	4022.8	4108.1	4194.2	4279.5	4434.0
37.5°	4954.2	4862.2	4769.5	4676.8	4583.4	4490.7	4541.5	4592.2	4643.0	4693.7	4839.4
40°	5502.3	5347.0	5331.6	5316.9	5301.4	5286.0	5290.4	5294.1	5298.5	5302.9	5427.2
42.5°	6476.3	6348.3	6269.6	6190.9	6112.2	6033.4	6028.3	6023.1	6017.3	6012.1	6105.5
45°	7533.5	7438.6	7379.8	7320.9	7261.3	7202.5	7109.0	7015.6	6921.4	6828.0	6909.7
47.5°	8454.6	8459.8	8566.4	8672.4	8779.1	8885.7	8726.1	8566.4	8406.8	8247.2	8142.0
50°	9684.7	9902.5	9928.2	9953.2	9979.0	10004.7	9734.0	9464.0	9193.3	8922.5	8812.2
52.5°	10545.5	10851.5	10811.8	10772.8	10733.1	10693.3	10536.6	10380.7	10224.0	10067.3	9826.7
55°	11075.2	11415.8	11385.6	11356.2	11326.0	11295.9	11181.9	11067.8	10953.8	10839.8	10575.6
57.5°	11382.0	11705.7	11714.5	11723.3	11732.2	11741.0	11710.8	11680.7	11650.5	11620.3	11276.8
60°	11485.7	11836.6	11840.3	11843.2	11846.9	11849.9	11802.0	11754.2	11705.7	11657.8	11433.5
62.5°	11165.7	11479.1	11493.1	11506.3	11520.3	11534.2	11501.1	11468.0	11434.9	11401.8	11235.6
65°	10683.8	10880.2	10883.9	10886.8	10890.5	10894.2	10810.3	10727.2	10643.3	10559.5	10519.7
67.5°	9252.9	9266.1	9344.1	9422.1	9500.0	9578.0	9584.7	9591.3	9598.6	9605.3	9547.9
70°	7471.7	7395.2	7479.8	7564.4	7649.0	7733.6	7769.7	7805.7	7842.5	7878.6	7905.1
72.5°	5817.9	5690.6	5753.1	5815.7	5879.0	5941.5	5887.8	5834.1	5780.4	5726.7	5896.6
75°	4417.1	4260.4	4252.3	4245.0	4236.9	4229.5	4202.3	4175.1	4147.1	4119.9	4278.8
77.5°	3382.7	3281.2	3286.4	3290.8	3295.9	3300.3	3272.4	3245.2	3217.2	3189.2	3250.3
80°	2803.7	2831.0	2831.7	2832.4	2833.2	2833.9	2807.4	2781.7	2755.2	2728.7	2684.6
82.5°	2247.6	2320.4	2319.7	2319.7	2318.9	2318.2	2316.7	2315.2	2313.0	2311.6	2239.5
85°	1610.4	1659.0	1609.0	1558.9	1508.9	1458.9	1495.7	1532.5	1570.0	1606.8	1576.6
87.5°	545.2	499.5	439.9	381.1	321.5	261.9	325.9	389.9	454.7	518.7	555.5
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: P368350

CATALOG NUMBER: MSA-SA4B-730-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: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7	1598.7
2.5°	1929.0	1921.6	1915.0	1868.7	1821.6	1775.2	1728.2	1813.5	1899.6	1984.9	2070.2
5°	2445.5	2430.0	2415.3	2411.6	2407.9	2403.5	2399.8	2443.2	2486.7	2529.3	2572.7
7.5°	2772.1	2760.3	2748.6	2717.7	2687.5	2656.6	2625.7	2652.2	2677.9	2704.4	2730.2
10°	3020.8	2995.0	2969.3	2902.3	2836.1	2769.2	2702.2	2682.3	2662.5	2642.6	2622.8
12.5°	3340.1	3276.8	3214.3	3138.5	3062.0	2986.2	2909.7	2899.4	2889.1	2879.5	2869.2
15°	3589.5	3569.6	3549.7	3489.4	3429.1	3368.8	3308.4	3227.5	3145.8	3064.9	2984.0
17.5°	3587.3	3555.6	3524.7	3605.6	3685.8	3766.8	3847.0	3760.9	3674.1	3588.0	3501.9
20°	3699.1	3680.7	3663.0	3812.4	3961.0	4110.3	4258.9	4211.9	4164.0	4117.0	4069.1
22.5°	3993.4	4064.0	4133.9	4261.9	4389.2	4517.2	4644.5	4698.2	4751.9	4805.6	4859.3
25°	4302.4	4417.1	4531.9	4722.4	4912.2	5102.8	5293.3	5331.6	5369.8	5408.1	5446.4
27.5°	4178.8	4295.7	4412.7	4556.9	4700.4	4844.6	4988.0	5155.8	5324.2	5492.0	5659.7
30°	4139.0	4268.5	4397.3	4595.2	4792.3	4990.2	5188.1	5419.1	5650.1	5880.4	6111.4
32.5°	4172.1	4354.6	4537.0	4804.8	5071.9	5339.7	5607.5	5850.3	6093.8	6336.6	6579.3
35°	4587.8	4742.3	4896.1	5195.5	5494.9	5794.3	6093.8	6378.5	6663.2	6947.2	7231.9
37.5°	4984.3	5130.0	5275.7	5581.7	5887.0	6193.1	6499.1	6948.7	7398.9	7848.4	8297.9
40°	5550.8	5675.2	5798.8	6060.7	6322.6	6584.5	6846.4	7388.6	7930.8	8473.0	9015.2
42.5°	6198.2	6291.7	6384.4	6655.8	6927.3	7198.8	7470.3	8060.3	8651.1	9241.1	9831.1
45°	6990.6	7072.3	7153.9	7340.8	7527.6	7715.2	7902.1	8510.5	9119.0	9727.4	10335.8
47.5°	8036.7	7931.5	7826.3	7918.3	8010.3	8102.2	8194.2	8796.0	9397.8	9998.9	10600.7
50°	8701.8	8591.5	8481.1	8489.2	8496.6	8504.7	8512.7	9074.1	9635.4	10196.0	10757.4
52.5°	9586.1	9344.8	9104.2	9102.0	9099.8	9096.9	9094.7	9583.9	10073.9	10563.1	11052.4
55°	10311.5	10047.4	9783.3	9731.8	9680.3	9628.1	9576.6	10060.6	10544.0	11028.1	11511.4
57.5°	10933.2	10588.9	10245.3	10164.4	10083.5	10002.5	9921.6	10443.2	10965.6	11487.2	12008.8
60°	11209.8	10985.4	10761.8	10662.4	10563.1	10463.8	10364.5	10808.9	11253.2	11696.8	12141.2
62.5°	11070.0	10903.8	10738.2	10761.0	10783.8	10806.6	10829.5	11083.3	11337.8	11591.6	11845.4
65°	10480.7	10441.0	10402.0	10585.9	10769.9	10953.8	11137.7	11141.4	11145.1	11148.7	11152.4
67.5°	9490.5	9433.1	9375.7	9758.3	10140.1	10522.7	10905.2	10723.5	10541.8	10360.8	10179.1
70°	7930.8	7957.3	7983.0	8503.9	9024.1	9544.9	10065.8	9802.4	9538.3	9274.9	9010.8
72.5°	6066.6	6237.2	6407.2	6947.2	7487.2	8027.2	8567.2	8266.3	7964.6	7663.8	7362.1
75°	4437.7	4596.6	4755.5	5288.9	5822.3	6356.4	6889.8	6532.2	6174.7	5817.9	5460.3
77.5°	3311.4	3373.2	3434.2	3877.9	4320.7	4764.4	5207.3	4848.2	4489.2	4130.9	3771.9
80°	2641.2	2597.0	2553.6	2799.3	3045.0	3290.8	3536.5	3281.9	3026.7	2772.1	2517.6
82.5°	2168.1	2096.0	2024.6	2115.9	2207.1	2299.1	2390.3	2186.5	1982.7	1778.9	1575.1
85°	1546.4	1516.3	1486.1	1512.6	1538.3	1564.8	1591.3	1392.7	1194.0	996.1	797.5
87.5°	591.5	628.3	665.1	707.0	748.2	790.1	831.3	651.1	470.8	291.3	111.1
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: P368350

CATALOG NUMBER: MSA-SA4B-730-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: P368350

CATALOG NUMBER: MSA-SA4B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1598.7	1598.7
2.5°	2105.6	2140.9
5°	2572.0	2571.3
7.5°	2718.4	2705.9
10°	2590.4	2558.0
12.5°	2773.6	2677.2
15°	2888.3	2792.0
17.5°	3357.0	3211.3
20°	3896.2	3722.6
22.5°	4595.2	4331.0
25°	5130.7	4814.4
27.5°	5472.1	5283.8
30°	5895.9	5680.3
32.5°	6420.4	6260.8
35°	7086.2	6939.8
37.5°	8252.3	8206.0
40°	8960.0	8904.1
42.5°	9833.3	9834.8
45°	10368.9	10402.0
47.5°	10684.5	10767.7
50°	10936.1	11114.2
52.5°	11295.9	11539.4
55°	11835.1	12158.1
57.5°	12283.9	12559.1
60°	12283.9	12425.9
62.5°	11841.8	11837.4
65°	11084.0	11014.8
67.5°	10092.3	10005.5
70°	8875.4	8739.3
72.5°	7193.6	7024.4
75°	5228.6	4996.1
77.5°	3661.6	3550.5
80°	2571.3	2625.0
82.5°	1651.6	1728.2
85°	785.7	774.0
87.5°	92.7	74.3
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: P368350

CATALOG NUMBER: MSA-SA4B-730-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)