

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: P368371

Luminaire Tested: **MSA-SA4B-740-U-SLR-HSS**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P368371
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA4B-740-U-SLR-HSS
Description: MESA POST TOP DECORATIVE LUMINAIRE. (4) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14173 lumens
Efficiency: N/A
Efficacy: 82.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

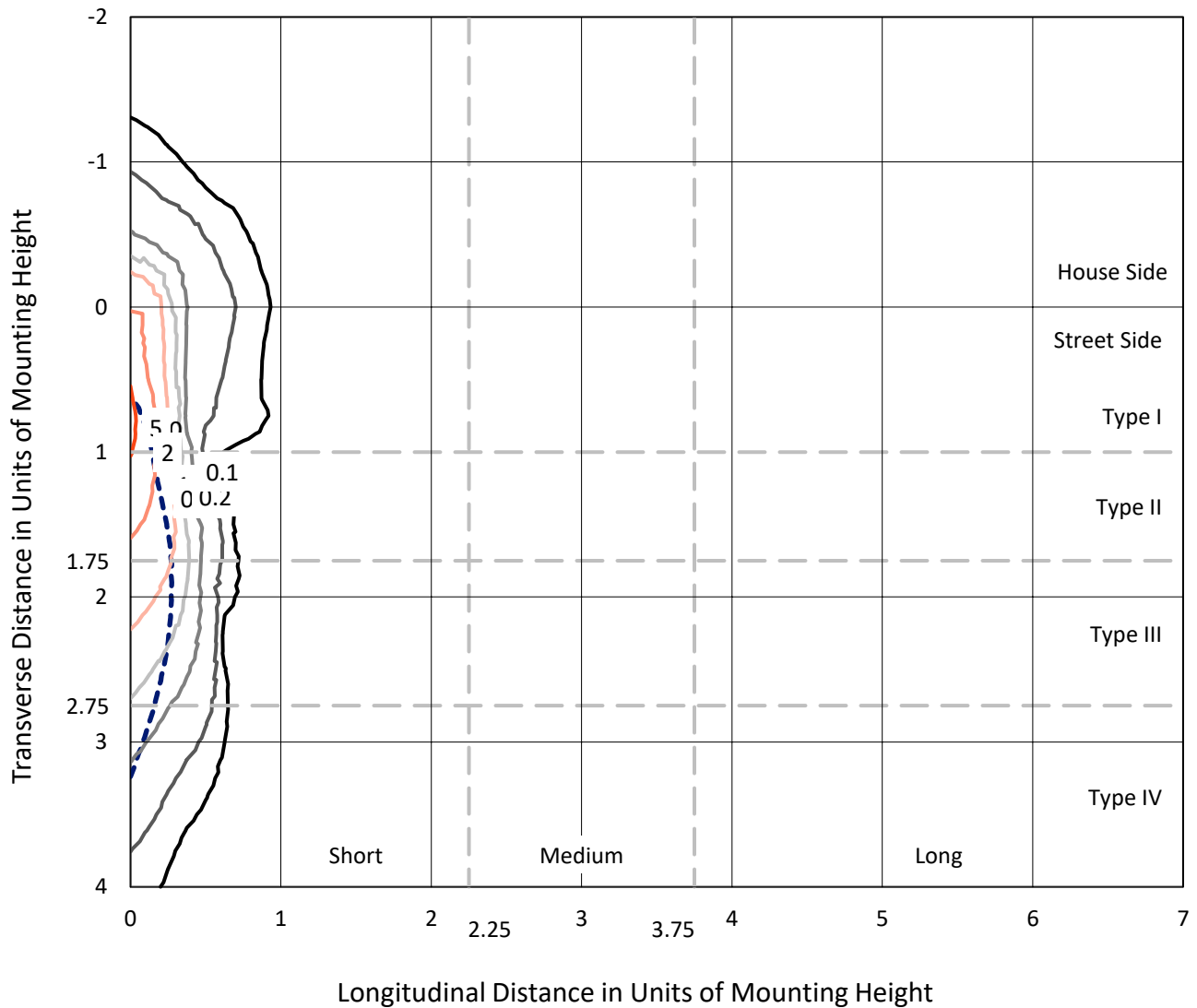
Input Watts (W): 171
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

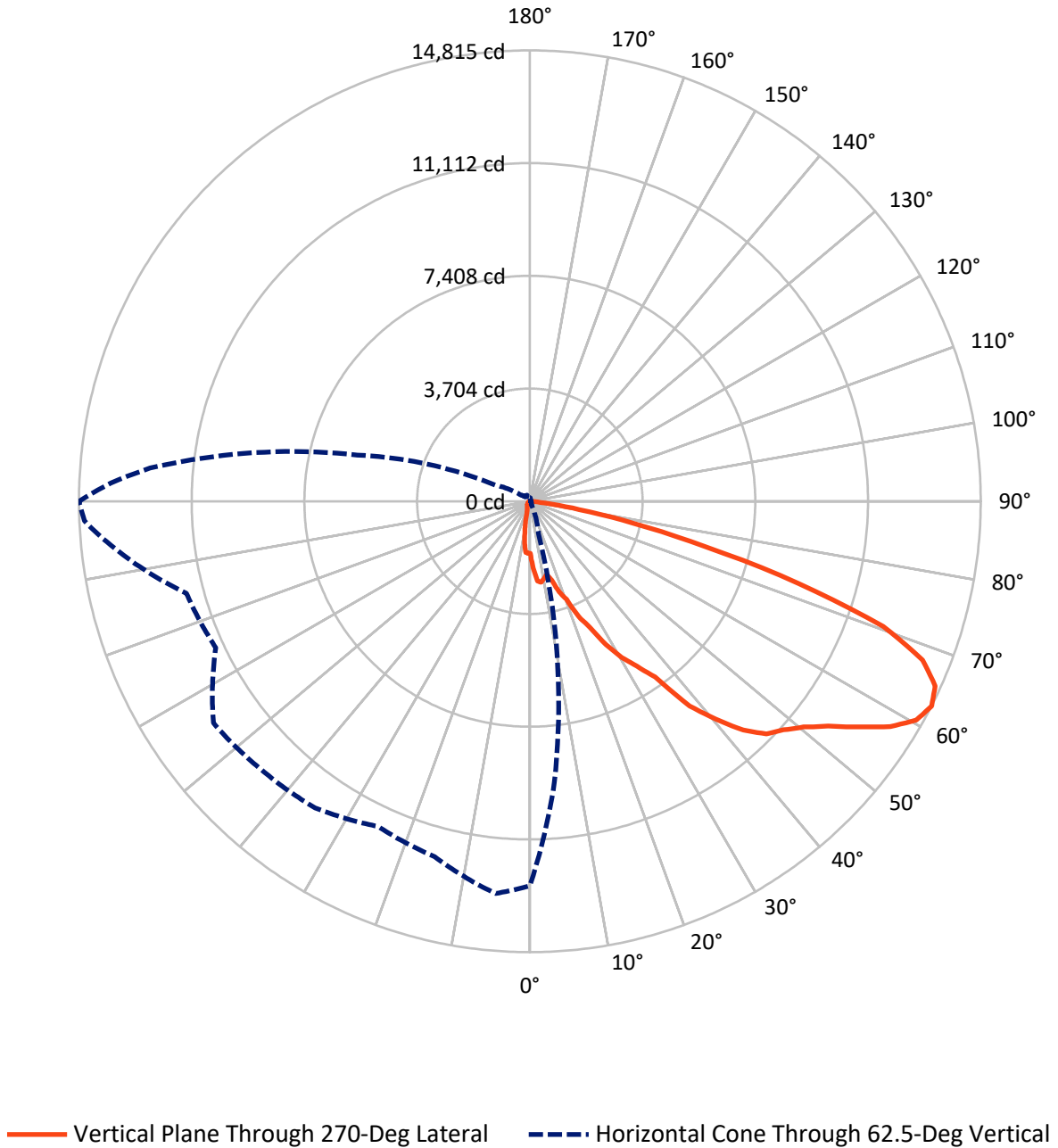
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 11.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2366.7	0.0	2366.7
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	11806.3	0.0	11806.3
	% Fixture	83.3	0.0	83.3
Total	Lumens	14173.0	0.0	14173.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.8	1.3
10°-20°	498.5	3.5
20°-30°	805.7	5.7
30°-40°	1349.4	9.5
40°-50°	2205.9	15.6
50°-60°	3265.5	23.0
60°-70°	3748.9	26.5
70°-80°	1853.6	13.1
80°-90°	254.6	1.8
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°	14173.0	100.0
0°-180°	14173.0	100.0

Coefficient of Utilization

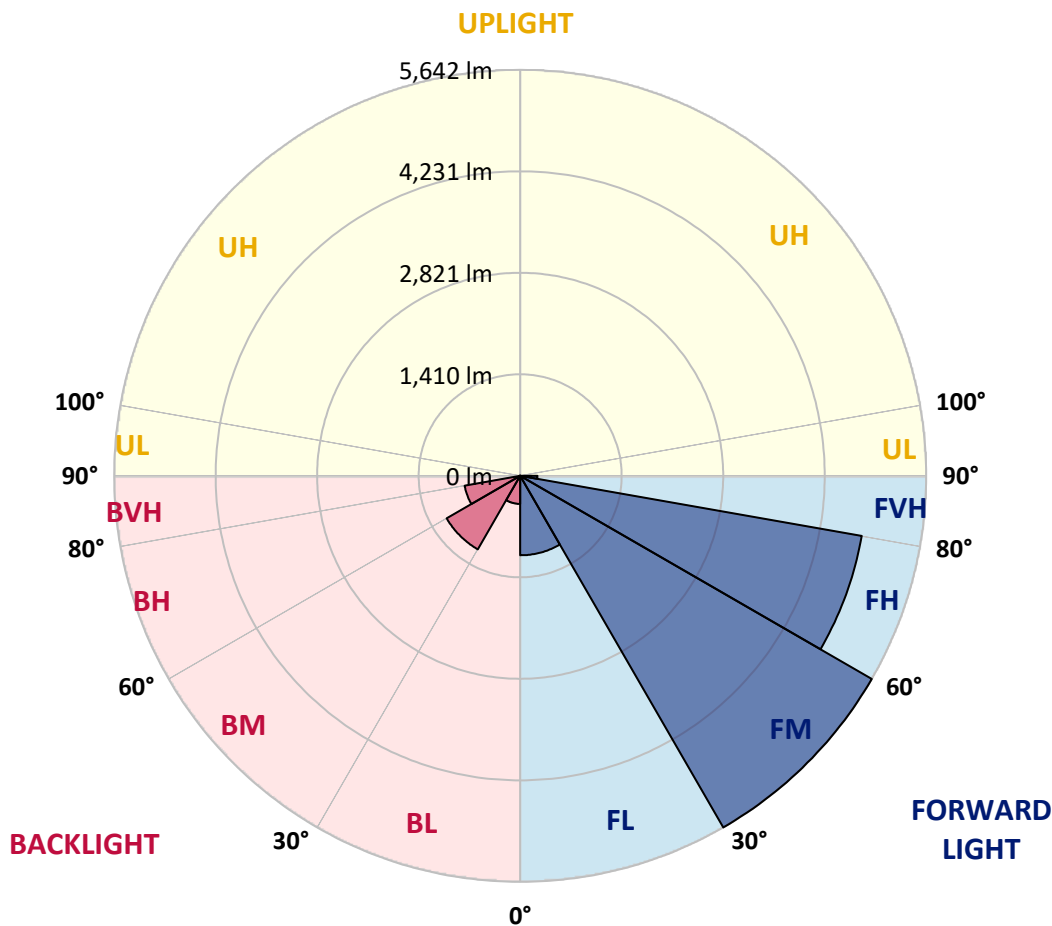


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1104.2	7.8			
FM (30°-60°)	5641.6	39.8			
FH (60°-80°)	4819.5	34.0			G2/5000
FVH (80°-90°)	241.1	1.7			G3/500
BL (0°-30°)	390.8	2.8	B1/500		
BM (30°-60°)	1179.3	8.3	B2/2500		
BH (60°-80°)	783.0	5.5	B2/1000		G2/1000
BVH (80°-90°)	13.5	0.1			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°	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9
2.5°	2264.6	2292.8	2320.3	2267.8	2215.3	2162.8	2110.3	2063.4	2016.5	1968.9	1922.0
5°	2914.1	2862.4	2810.7	2739.6	2668.5	2597.4	2526.3	2493.2	2460.1	2426.9	2393.8
7.5°	3140.3	3048.2	2955.3	2892.3	2830.1	2767.1	2704.1	2604.7	2504.5	2405.1	2305.0
10°	2962.6	2864.8	2766.3	2711.3	2656.4	2601.5	2546.5	2422.9	2298.5	2174.9	2050.5
12.5°	3044.2	2938.4	2832.5	2719.4	2606.3	2493.2	2380.1	2285.6	2190.2	2095.7	2000.4
15°	3100.7	2979.6	2857.6	2728.3	2599.0	2469.8	2340.5	2229.0	2118.3	2006.8	1895.3
17.5°	3432.8	3259.1	3085.4	2886.6	2687.9	2489.2	2290.4	2161.1	2032.7	1903.4	1774.2
20°	3859.4	3613.0	3365.7	3096.7	2827.7	2558.6	2289.6	2128.8	1968.1	1807.3	1646.5
22.5°	4355.4	4047.6	3739.0	3406.9	3075.7	2743.6	2411.6	2180.5	1949.5	1718.4	1487.4
25°	4854.7	4576.8	4298.9	3852.1	3405.3	2957.7	2511.0	2217.7	1923.6	1630.4	1336.3
27.5°	5756.3	5259.5	4762.6	4193.8	3625.9	3057.1	2488.3	2152.3	1816.2	1479.3	1143.2
30°	6346.1	5964.0	5581.0	4829.7	4079.1	3327.8	2576.4	2150.6	1724.9	1298.3	872.5
32.5°	7051.4	6492.3	5932.5	5117.3	4302.1	3486.9	2671.7	2171.7	1670.7	1170.7	669.8
35°	7844.0	7235.6	6627.3	5594.7	4562.2	3528.9	2496.4	2011.7	1526.9	1042.2	557.5
37.5°	9244.1	8226.1	7208.1	6004.4	4799.8	3596.0	2391.4	1907.5	1422.7	938.8	454.0
40°	10039.0	9067.1	8095.2	6590.9	5086.6	3582.3	2077.9	1648.1	1219.1	789.3	359.5
42.5°	11073.2	9840.3	8606.6	6925.4	5244.1	3562.9	1881.6	1484.1	1086.6	688.3	290.8
45°	11686.4	10289.5	8892.6	7070.8	5249.0	3427.1	1605.3	1261.1	917.0	572.8	228.6
47.5°	12073.3	10672.4	9271.5	7315.6	5360.5	3404.5	1448.6	1131.9	815.2	498.5	181.8
50°	12269.7	10864.7	9459.0	7448.9	5438.8	3427.9	1417.9	1102.8	786.9	471.8	155.9
52.5°	12474.1	11119.2	9763.5	7680.0	5596.4	3512.8	1429.2	1107.6	786.9	465.4	143.8
55°	12886.9	11550.6	10213.5	8011.2	5808.8	3606.5	1404.1	1087.4	770.7	453.2	136.5
57.5°	13394.3	11965.9	10536.7	8253.6	5970.4	3687.3	1404.1	1085.8	767.5	448.4	130.1
60°	13298.1	11747.8	10196.6	7981.3	5766.0	3549.9	1334.7	1031.7	729.5	426.6	123.6
62.5°	12638.1	10955.2	9271.5	7224.3	5176.3	3129.0	1081.0	839.4	597.9	355.5	113.9
65°	11862.5	10076.2	8289.1	6405.1	4520.2	2636.2	751.4	589.8	427.4	265.8	103.4
67.5°	10928.5	9023.5	7118.5	5442.9	3768.1	2092.5	416.9	336.1	255.3	173.7	92.9
70°	9307.9	7341.4	5374.2	4086.4	2799.4	1511.6	223.8	189.0	154.3	119.6	84.8
72.5°	6987.6	5185.9	3384.3	2570.8	1758.0	944.4	130.9	118.0	104.2	91.3	77.6
75°	4754.5	3404.5	2054.5	1564.1	1074.5	584.1	93.7	87.3	80.0	73.5	66.2
77.5°	3232.4	2338.1	1443.7	1102.0	760.2	418.5	76.8	72.7	68.7	63.8	59.8
80°	2018.1	1381.5	744.9	573.6	401.5	230.3	58.2	55.7	53.3	50.1	47.7
82.5°	1411.4	844.3	277.1	216.5	155.9	94.5	33.9	34.7	35.5	35.5	36.4
85°	592.2	319.9	47.7	40.4	33.1	25.9	18.6	20.2	22.6	24.2	25.9
87.5°	10.5	5.7	0.0	1.6	4.0	5.7	7.3	9.7	11.3	13.7	15.4
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



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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°	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9
2.5°	1934.1	1946.2	1957.6	1969.7	1960.0	1951.1	1941.4	1931.7	1917.2	1903.4	1888.9
5°	2353.4	2313.0	2272.6	2232.2	2170.8	2109.4	2047.2	1985.8	1978.6	1971.3	1963.2
7.5°	2210.4	2115.9	2020.6	1926.0	1837.2	1748.3	1659.4	1570.6	1543.1	1516.4	1489.0
10°	1977.8	1905.0	1831.5	1758.8	1695.0	1630.4	1566.5	1501.9	1434.8	1367.8	1299.9
12.5°	1924.4	1848.5	1771.7	1695.8	1637.6	1579.5	1521.3	1463.1	1388.0	1312.8	1237.7
15°	1812.9	1730.5	1648.1	1565.7	1488.2	1410.6	1332.2	1254.7	1164.2	1073.7	983.2
17.5°	1676.4	1579.5	1481.7	1383.9	1282.1	1180.4	1078.6	976.8	872.5	769.1	664.9
20°	1514.0	1381.5	1248.2	1115.7	989.7	863.7	736.8	610.8	545.3	480.7	415.3
22.5°	1316.1	1144.0	972.7	800.6	697.2	593.0	489.6	385.4	357.1	328.8	300.5
25°	1141.6	946.9	752.2	557.5	492.0	426.6	361.1	295.7	282.8	269.0	256.1
27.5°	959.8	777.2	593.8	410.4	373.3	335.3	298.1	260.1	251.3	243.2	234.3
30°	736.0	599.5	462.1	325.6	301.3	277.1	252.1	227.8	223.8	218.9	214.9
32.5°	570.4	470.2	370.8	270.6	256.9	243.2	229.4	215.7	209.2	202.8	195.5
35°	476.7	396.7	315.9	235.1	225.4	214.9	205.2	194.7	188.2	181.0	174.5
37.5°	395.1	336.9	277.9	218.9	208.4	197.9	186.6	176.1	171.3	166.4	161.6
40°	325.6	291.7	257.7	223.8	208.4	193.1	177.7	162.4	158.3	154.3	150.3
42.5°	269.0	247.2	224.6	202.8	191.5	181.0	169.7	158.3	152.7	146.2	140.6
45°	217.3	205.2	193.9	181.8	182.6	183.4	183.4	184.2	169.7	154.3	139.8
47.5°	176.1	170.5	164.0	158.3	164.8	171.3	176.9	183.4	168.0	152.7	136.5
50°	151.1	147.0	142.2	137.3	143.8	151.1	157.5	164.0	157.5	151.9	145.4
52.5°	138.2	132.5	126.8	121.2	123.6	126.8	129.3	131.7	131.7	131.7	131.7
55°	130.1	124.4	118.0	111.5	109.1	105.8	103.4	100.2	96.1	92.9	88.9
57.5°	123.6	117.1	109.9	103.4	99.4	94.5	90.5	85.6	81.6	76.8	72.7
60°	117.1	110.7	103.4	96.9	92.9	88.9	84.0	80.0	75.1	71.1	66.2
62.5°	108.3	102.6	96.9	91.3	87.3	84.0	80.0	75.9	71.1	66.2	60.6
65°	98.6	94.5	89.7	84.8	80.8	76.8	72.7	68.7	63.8	59.8	54.9
67.5°	89.7	85.6	82.4	78.4	73.5	69.5	64.6	59.8	56.6	53.3	49.3
70°	82.4	79.2	76.8	73.5	68.7	64.6	59.8	54.9	52.5	49.3	46.9
72.5°	75.1	72.7	69.5	67.1	63.0	59.0	54.9	50.9	48.5	46.1	43.6
75°	64.6	63.0	61.4	59.8	55.7	51.7	46.9	42.8	42.0	41.2	40.4
77.5°	58.2	57.4	55.7	54.1	50.1	46.1	42.0	38.0	38.8	39.6	39.6
80°	47.7	47.7	46.9	46.9	43.6	40.4	36.4	33.1	34.7	37.2	38.8
82.5°	36.4	36.4	36.4	36.4	33.1	29.9	26.7	23.4	25.9	27.5	29.9
85°	25.0	24.2	23.4	22.6	20.2	18.6	16.2	13.7	17.0	19.4	22.6
87.5°	15.4	16.2	16.2	16.2	14.5	12.1	10.5	8.1	9.7	10.5	12.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

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: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9
2.5°	1874.3	1850.1	1825.9	1800.8	1776.6	1720.0	1663.5	1606.9	1550.4	1592.4	1633.6
5°	1955.9	1909.1	1861.4	1814.6	1766.9	1745.9	1725.7	1704.7	1683.7	1686.9	1690.9
7.5°	1461.5	1430.8	1400.1	1368.6	1337.9	1331.4	1325.8	1319.3	1312.8	1326.6	1339.5
10°	1232.9	1190.0	1146.4	1103.6	1060.0	1036.5	1013.1	989.7	966.3	963.8	960.6
12.5°	1162.6	1097.1	1032.5	967.1	901.6	850.7	799.8	748.9	698.0	702.1	706.1
15°	892.7	827.3	762.7	697.2	631.8	590.6	548.6	507.4	465.4	453.2	441.1
17.5°	560.7	512.2	463.7	414.5	366.0	352.2	339.3	325.6	311.9	307.8	303.8
20°	349.8	328.8	307.8	286.0	265.0	261.8	258.5	255.3	252.1	254.5	256.9
22.5°	272.3	263.4	253.7	244.8	235.1	231.9	228.6	225.4	222.2	224.6	226.2
25°	242.4	235.9	229.4	223.0	216.5	213.3	209.2	206.0	202.0	203.6	206.0
27.5°	225.4	219.8	214.1	208.4	202.8	197.1	192.3	186.6	181.0	184.2	186.6
30°	210.1	203.6	197.9	191.5	185.0	179.4	173.7	167.2	161.6	164.8	168.0
32.5°	189.0	183.4	176.9	171.3	164.8	161.6	158.3	154.3	151.1	153.5	155.1
35°	167.2	162.4	158.3	153.5	148.7	145.4	143.0	139.8	136.5	137.3	139.0
37.5°	156.7	151.1	145.4	139.8	134.1	132.5	130.9	128.5	126.8	126.8	126.8
40°	146.2	140.6	134.9	128.5	122.8	120.4	118.0	115.5	113.1	113.1	113.1
42.5°	134.1	128.5	122.8	117.1	111.5	109.1	105.8	103.4	100.2	100.2	100.2
45°	124.4	118.8	113.9	108.3	102.6	98.6	94.5	89.7	85.6	84.8	84.0
47.5°	121.2	113.1	105.0	96.9	88.9	84.8	80.8	75.9	71.9	71.1	70.3
50°	139.0	122.8	106.6	90.5	74.3	71.1	67.9	64.6	61.4	59.8	59.0
52.5°	131.7	114.7	97.8	80.8	63.8	61.4	59.0	56.6	54.1	52.5	50.9
55°	84.8	77.6	71.1	63.8	56.6	54.9	53.3	50.9	49.3	47.7	46.1
57.5°	67.9	63.8	60.6	56.6	52.5	50.9	49.3	46.9	45.2	42.8	41.2
60°	61.4	58.2	54.9	51.7	48.5	46.9	45.2	43.6	42.0	39.6	38.0
62.5°	55.7	53.3	50.9	48.5	46.1	44.4	42.8	41.2	39.6	37.2	34.7
65°	50.1	48.5	46.9	45.2	43.6	42.0	40.4	38.0	36.4	33.9	31.5
67.5°	46.1	45.2	44.4	43.6	42.8	41.2	38.8	37.2	34.7	32.3	29.1
70°	43.6	43.6	43.6	42.8	42.8	41.2	38.8	37.2	34.7	31.5	29.1
72.5°	41.2	42.0	42.8	42.8	43.6	41.2	38.8	36.4	33.9	30.7	28.3
75°	39.6	40.4	41.2	41.2	42.0	40.4	38.8	36.4	34.7	31.5	28.3
77.5°	40.4	41.2	41.2	42.0	42.0	40.4	38.8	36.4	34.7	30.7	26.7
80°	40.4	39.6	38.8	37.2	36.4	33.1	29.9	25.9	22.6	17.8	13.7
82.5°	31.5	29.9	29.1	27.5	25.9	22.6	19.4	16.2	12.9	9.7	6.5
85°	25.0	23.4	22.6	21.0	19.4	17.0	13.7	11.3	8.1	6.5	4.0
87.5°	12.9	12.1	10.5	9.7	8.1	6.5	4.0	2.4	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

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: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9
2.5°	1675.6	1716.8	1711.1	1705.5	1732.2	1758.8	1739.4	1720.8	1701.4	1682.1	1641.7
5°	1694.2	1697.4	1691.8	1685.3	1686.1	1686.9	1674.0	1661.1	1648.1	1635.2	1632.8
7.5°	1353.2	1366.2	1383.9	1400.9	1401.7	1401.7	1392.0	1382.3	1371.8	1362.1	1367.0
10°	958.2	954.9	959.8	964.6	963.8	962.2	988.1	1013.9	1039.0	1064.8	1046.2
12.5°	709.3	713.4	693.2	673.0	680.3	686.7	690.8	694.8	698.8	702.9	714.2
15°	429.0	416.9	402.3	387.8	395.1	401.5	408.8	415.3	422.5	429.0	436.3
17.5°	298.9	294.9	288.4	281.2	282.0	282.8	283.6	284.4	284.4	285.2	286.8
20°	259.3	261.8	256.9	251.3	249.6	247.2	245.6	244.0	241.6	239.9	237.5
22.5°	228.6	230.3	231.1	231.1	227.8	223.8	220.6	218.1	214.9	211.7	210.1
25°	207.6	209.2	207.6	205.2	203.6	202.0	200.4	197.9	196.3	193.9	193.1
27.5°	189.9	192.3	192.3	191.5	189.9	187.4	183.4	180.2	176.1	172.1	172.9
30°	171.3	174.5	174.5	173.7	172.9	172.1	168.0	164.0	160.0	155.9	157.5
32.5°	157.5	159.2	158.3	157.5	157.5	156.7	153.5	151.1	147.8	144.6	144.6
35°	139.8	140.6	140.6	140.6	140.6	139.8	137.3	134.9	132.5	130.1	130.9
37.5°	126.8	126.8	129.3	130.9	129.3	127.6	126.0	123.6	122.0	119.6	119.6
40°	112.3	112.3	114.7	116.3	114.7	113.1	112.3	110.7	109.9	108.3	108.3
42.5°	99.4	99.4	101.8	103.4	103.4	102.6	101.0	99.4	97.8	96.1	96.9
45°	83.2	82.4	86.4	89.7	88.1	86.4	86.4	85.6	85.6	84.8	85.6
47.5°	68.7	67.9	71.1	74.3	73.5	71.9	71.9	71.9	71.9	71.9	72.7
50°	57.4	55.7	59.0	61.4	60.6	59.0	59.0	59.8	59.8	59.8	60.6
52.5°	49.3	47.7	50.1	51.7	50.9	50.1	50.1	50.9	50.9	50.9	51.7
55°	43.6	42.0	44.4	46.1	45.2	43.6	44.4	44.4	45.2	45.2	45.2
57.5°	38.8	36.4	38.0	39.6	39.6	38.8	39.6	39.6	40.4	40.4	40.4
60°	35.5	33.1	34.7	35.5	35.5	34.7	35.5	35.5	36.4	36.4	36.4
62.5°	31.5	29.1	30.7	31.5	31.5	30.7	31.5	31.5	32.3	32.3	32.3
65°	28.3	25.9	26.7	27.5	27.5	27.5	28.3	28.3	29.1	29.1	29.1
67.5°	26.7	23.4	24.2	25.0	25.0	25.0	25.9	25.9	26.7	26.7	27.5
70°	25.9	22.6	23.4	23.4	24.2	24.2	24.2	25.0	25.0	25.0	25.0
72.5°	25.0	21.8	21.8	21.8	22.6	22.6	22.6	23.4	23.4	23.4	23.4
75°	25.0	21.8	21.0	20.2	21.0	21.0	21.0	21.8	21.8	21.8	21.8
77.5°	21.8	17.8	16.2	13.7	16.2	17.8	18.6	18.6	19.4	19.4	19.4
80°	8.9	4.0	2.4	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.7
82.5°	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

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: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9
2.5°	1601.3	1560.9	1520.5	1539.9	1559.3	1578.6	1598.0	1596.4	1594.0	1592.4	1590.0
5°	1631.2	1628.7	1626.3	1615.0	1604.5	1593.2	1581.9	1579.5	1576.2	1573.8	1570.6
7.5°	1371.8	1375.9	1380.7	1367.8	1354.9	1341.9	1329.0	1295.9	1262.8	1228.8	1195.7
10°	1027.7	1008.3	989.7	988.1	986.5	984.8	983.2	980.0	976.8	972.7	969.5
12.5°	726.3	737.6	748.9	744.9	740.8	736.0	732.0	737.6	744.1	749.7	755.4
15°	442.7	450.0	456.5	471.0	485.6	500.1	514.6	520.3	526.8	532.4	538.1
17.5°	288.4	289.2	290.8	307.0	322.4	338.5	353.9	364.4	374.9	384.6	395.1
20°	235.1	232.7	230.3	239.1	248.0	256.9	265.8	275.5	285.2	294.9	304.6
22.5°	209.2	207.6	206.0	209.2	212.5	214.9	218.1	225.4	233.5	240.8	248.0
25°	192.3	190.7	189.9	191.5	193.1	194.7	196.3	200.4	204.4	208.4	212.5
27.5°	172.9	173.7	173.7	175.3	176.1	177.7	178.5	180.2	182.6	184.2	185.8
30°	158.3	160.0	160.8	162.4	163.2	164.8	165.6	164.8	164.0	163.2	162.4
32.5°	144.6	143.8	143.8	145.4	146.2	147.8	148.7	150.3	151.9	152.7	154.3
35°	130.9	131.7	131.7	131.7	132.5	132.5	132.5	134.1	136.5	138.2	139.8
37.5°	118.8	118.8	118.0	120.4	122.0	124.4	126.0	127.6	130.1	131.7	133.3
40°	108.3	108.3	108.3	109.9	111.5	112.3	113.9	118.0	122.0	126.0	130.1
42.5°	96.9	97.8	97.8	99.4	101.0	101.8	103.4	106.6	109.1	112.3	114.7
45°	86.4	87.3	88.1	89.7	90.5	92.1	92.9	94.5	95.3	96.9	97.8
47.5°	74.3	75.1	75.9	77.6	78.4	80.0	80.8	80.0	80.0	79.2	78.4
50°	62.2	63.0	63.8	66.2	67.9	70.3	71.9	70.3	68.7	66.2	64.6
52.5°	52.5	52.5	53.3	54.9	56.6	57.4	59.0	58.2	57.4	56.6	55.7
55°	45.2	45.2	45.2	46.1	46.9	47.7	48.5	49.3	49.3	50.1	50.1
57.5°	40.4	39.6	39.6	40.4	41.2	41.2	42.0	42.8	42.8	43.6	43.6
60°	36.4	35.5	35.5	36.4	37.2	38.0	38.8	38.8	38.8	38.0	38.0
62.5°	32.3	32.3	32.3	33.1	33.1	33.9	33.9	33.9	34.7	34.7	34.7
65°	29.9	29.9	29.9	29.9	29.9	29.1	29.1	29.9	29.9	30.7	30.7
67.5°	27.5	28.3	28.3	27.5	26.7	25.9	25.0	25.9	25.9	26.7	26.7
70°	25.0	25.0	25.0	24.2	23.4	22.6	21.8	21.8	21.8	21.0	21.0
72.5°	23.4	22.6	22.6	21.8	20.2	19.4	17.8	17.0	17.0	16.2	15.4
75°	21.8	21.0	21.0	19.4	17.8	16.2	14.5	13.7	12.1	11.3	9.7
77.5°	19.4	19.4	19.4	17.0	15.4	12.9	10.5	8.9	7.3	4.8	3.2
80°	6.5	7.3	8.1	7.3	7.3	6.5	5.7	4.0	3.2	1.6	0.0
82.5°	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

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: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9
2.5°	1598.8	1607.7	1616.6	1625.5	1626.3	1627.1	1627.9	1628.7	1608.5	1587.5	1567.3
5°	1586.7	1603.7	1619.9	1636.0	1627.1	1618.2	1609.3	1600.5	1599.7	1599.7	1598.8
7.5°	1198.1	1199.7	1202.2	1203.8	1207.0	1210.2	1212.7	1215.9	1228.8	1241.8	1253.9
10°	959.0	948.5	937.2	926.7	918.6	909.7	901.6	892.7	899.2	906.5	912.9
12.5°	746.5	737.6	727.9	719.0	715.8	712.6	708.5	705.3	726.3	747.3	767.5
15°	536.4	534.8	532.4	530.8	541.3	551.8	562.3	572.8	590.6	607.5	625.3
17.5°	399.1	403.1	407.2	411.2	417.7	424.2	429.8	436.3	449.2	462.9	475.9
20°	309.4	315.1	319.9	324.8	323.2	321.5	319.1	317.5	328.0	338.5	348.2
22.5°	252.9	256.9	261.8	265.8	266.6	267.4	268.2	269.0	275.5	281.2	287.6
25°	216.5	221.4	225.4	229.4	230.3	231.1	231.9	232.7	240.8	248.8	256.1
27.5°	191.5	196.3	202.0	206.8	208.4	210.1	211.7	213.3	218.1	222.2	227.0
30°	168.9	175.3	181.8	188.2	190.7	193.1	195.5	197.9	202.8	208.4	213.3
32.5°	157.5	161.6	164.8	168.0	173.7	178.5	184.2	189.0	194.7	201.2	206.8
35°	144.6	148.7	153.5	157.5	161.6	165.6	168.9	172.9	176.1	179.4	181.8
37.5°	136.5	140.6	143.8	147.0	148.7	150.3	151.1	152.7	154.3	155.9	156.7
40°	130.1	129.3	129.3	128.5	130.1	132.5	134.1	135.7	140.6	144.6	149.5
42.5°	113.1	110.7	109.1	106.6	110.7	113.9	118.0	121.2	127.6	134.1	140.6
45°	96.1	94.5	92.1	90.5	96.1	101.8	107.5	113.1	120.4	126.8	134.1
47.5°	79.2	80.0	80.0	80.8	86.4	92.1	96.9	102.6	109.9	117.1	124.4
50°	66.2	67.9	69.5	71.1	76.8	81.6	87.3	92.1	100.2	107.5	115.5
52.5°	58.2	60.6	62.2	64.6	69.5	75.1	80.0	84.8	92.1	99.4	106.6
55°	52.5	55.7	58.2	60.6	64.6	68.7	72.7	76.8	84.0	91.3	97.8
57.5°	46.1	48.5	50.9	53.3	57.4	61.4	64.6	68.7	75.1	82.4	88.9
60°	40.4	42.0	44.4	46.1	49.3	53.3	56.6	59.8	66.2	72.7	78.4
62.5°	35.5	37.2	38.0	38.8	42.0	45.2	48.5	51.7	57.4	63.8	69.5
65°	31.5	32.3	32.3	33.1	35.5	38.8	41.2	43.6	50.1	55.7	62.2
67.5°	26.7	27.5	27.5	27.5	29.9	32.3	34.7	37.2	42.8	49.3	54.9
70°	21.0	21.8	21.8	21.8	24.2	27.5	29.9	32.3	37.2	42.0	46.9
72.5°	16.2	16.2	17.0	17.0	19.4	22.6	25.0	27.5	31.5	35.5	39.6
75°	10.5	11.3	11.3	12.1	14.5	17.8	20.2	22.6	26.7	30.7	33.9
77.5°	4.0	5.7	6.5	7.3	9.7	12.1	14.5	17.0	20.2	24.2	27.5
80°	0.0	0.8	0.8	0.8	2.4	3.2	4.8	5.7	8.1	11.3	13.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

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: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9
2.5°	1546.3	1590.8	1635.2	1679.6	1724.1	1779.0	1833.9	1842.0	1850.1	1840.4	1831.5
5°	1598.0	1619.9	1640.9	1662.7	1683.7	1746.7	1808.9	1809.7	1809.7	1810.5	1810.5
7.5°	1266.8	1285.4	1304.0	1321.7	1340.3	1381.5	1422.7	1438.1	1452.6	1449.4	1446.2
10°	919.4	943.6	967.1	991.3	1014.7	1052.7	1090.7	1105.2	1118.9	1163.4	1208.6
12.5°	788.5	811.9	835.4	858.0	881.4	920.2	959.0	987.3	1014.7	1042.2	1069.7
15°	642.3	660.9	680.3	698.8	717.4	735.2	753.0	787.7	821.6	849.1	876.6
17.5°	488.8	496.9	504.1	512.2	519.5	527.6	535.6	550.2	563.9	588.2	611.6
20°	358.7	365.2	371.6	377.3	383.8	391.8	399.9	410.4	420.1	425.8	430.6
22.5°	293.3	303.0	312.7	321.5	331.2	336.9	342.6	345.8	349.0	351.4	353.9
25°	264.2	273.1	281.2	290.0	298.1	300.5	303.0	309.4	315.9	315.9	315.9
27.5°	231.1	243.2	256.1	268.2	280.3	283.6	286.0	288.4	290.0	286.8	282.8
30°	218.1	230.3	242.4	253.7	265.8	270.6	274.7	277.1	279.5	275.5	271.5
32.5°	212.5	223.8	234.3	245.6	256.1	262.6	268.2	274.7	280.3	281.2	282.8
35°	185.0	192.3	200.4	207.6	214.9	218.1	221.4	223.8	225.4	225.4	225.4
37.5°	158.3	168.0	178.5	188.2	197.9	205.2	212.5	213.3	213.3	214.9	217.3
40°	153.5	163.2	172.9	181.8	191.5	199.6	206.8	207.6	208.4	210.1	211.7
42.5°	147.0	157.5	168.0	178.5	189.0	197.1	204.4	204.4	203.6	206.0	207.6
45°	140.6	151.1	160.8	171.3	181.0	191.5	201.2	198.7	195.5	199.6	202.8
47.5°	131.7	143.0	154.3	164.8	176.1	185.8	194.7	193.1	190.7	194.7	198.7
50°	122.8	134.1	145.4	156.7	168.0	178.5	188.2	186.6	185.0	189.9	193.9
52.5°	113.9	125.2	137.3	148.7	160.0	168.9	176.9	176.1	175.3	180.2	185.8
55°	105.0	115.5	126.8	137.3	147.8	157.5	166.4	164.8	163.2	167.2	171.3
57.5°	95.3	105.8	115.5	126.0	135.7	143.8	151.1	148.7	146.2	151.1	155.9
60°	84.8	94.5	104.2	113.1	122.8	129.3	134.9	133.3	130.9	135.7	140.6
62.5°	75.1	84.0	92.9	101.0	109.9	114.7	119.6	118.0	116.3	121.2	126.8
65°	67.9	75.1	81.6	88.9	95.3	100.2	105.0	102.6	100.2	105.8	110.7
67.5°	60.6	66.2	72.7	78.4	84.0	88.1	92.1	90.5	88.1	92.1	96.1
70°	51.7	57.4	63.0	67.9	73.5	77.6	81.6	79.2	75.9	80.0	84.0
72.5°	43.6	48.5	53.3	57.4	62.2	65.4	68.7	66.2	63.8	67.1	70.3
75°	38.0	42.0	46.1	49.3	53.3	54.9	56.6	55.7	54.1	57.4	59.8
77.5°	30.7	33.9	38.0	41.2	44.4	44.4	44.4	45.2	45.2	48.5	52.5
80°	16.2	19.4	22.6	25.0	28.3	28.3	27.5	29.1	29.9	33.9	38.0
82.5°	0.0	2.4	4.8	7.3	9.7	8.9	7.3	8.1	8.1	9.7	11.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

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: P368371

CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9
2.5°	1821.8	1812.1	1805.7	1800.0	1793.6	1787.1	1795.2	1803.2	1810.5	1818.6	1842.8
5°	1811.3	1811.3	1805.7	1800.0	1794.4	1788.7	1800.8	1812.1	1824.3	1835.6	1834.8
7.5°	1442.1	1438.9	1472.8	1505.9	1539.9	1573.0	1581.9	1590.8	1598.8	1607.7	1605.3
10°	1253.1	1297.5	1312.0	1326.6	1341.1	1355.7	1373.4	1391.2	1409.0	1426.8	1433.2
12.5°	1097.1	1124.6	1171.5	1217.5	1264.4	1310.4	1333.9	1358.1	1381.5	1404.9	1451.0
15°	904.0	931.5	971.9	1012.3	1052.7	1093.1	1130.3	1168.2	1205.4	1242.6	1298.3
17.5°	635.8	659.3	690.0	720.7	750.5	781.2	838.6	896.0	953.3	1010.7	1069.7
20°	436.3	441.1	455.7	471.0	485.6	500.1	551.8	604.3	656.0	707.7	785.3
22.5°	355.5	357.9	365.2	372.4	378.9	386.2	412.8	440.3	467.0	493.6	556.6
25°	315.1	315.1	319.9	324.8	329.6	334.5	349.0	363.6	377.3	391.8	432.2
27.5°	279.5	275.5	282.8	290.0	297.3	304.6	315.1	326.4	336.9	347.4	374.9
30°	267.4	263.4	272.3	281.2	290.0	298.9	309.4	319.9	329.6	340.1	358.7
32.5°	283.6	284.4	287.6	290.8	293.3	296.5	301.3	307.0	311.9	316.7	332.9
35°	225.4	225.4	231.1	236.7	241.6	247.2	256.1	265.0	273.9	282.8	299.7
37.5°	218.9	220.6	225.4	231.1	235.9	240.8	252.1	264.2	275.5	286.8	300.5
40°	212.5	214.1	220.6	227.0	233.5	239.9	251.3	261.8	273.1	283.6	296.5
42.5°	210.1	211.7	219.8	228.6	236.7	244.8	254.5	264.2	273.1	282.8	300.5
45°	206.8	210.1	219.8	230.3	239.9	249.6	258.5	267.4	276.3	285.2	307.0
47.5°	202.0	206.0	217.3	227.8	239.1	249.6	266.6	284.4	301.3	318.3	328.8
50°	198.7	202.8	214.9	227.0	239.1	251.3	278.7	306.2	332.9	360.3	354.7
52.5°	190.7	195.5	210.9	226.2	241.6	256.9	281.2	305.4	329.6	353.9	342.6
55°	175.3	179.4	197.1	214.9	231.9	249.6	267.4	285.2	302.2	319.9	307.0
57.5°	160.0	164.8	181.8	198.7	214.9	231.9	240.8	249.6	258.5	267.4	262.6
60°	145.4	150.3	172.9	195.5	218.1	240.8	232.7	224.6	215.7	207.6	213.3
62.5°	131.7	136.5	158.3	179.4	201.2	222.2	210.9	199.6	188.2	176.9	185.8
65°	116.3	121.2	129.3	138.2	146.2	154.3	153.5	151.9	151.1	149.5	159.2
67.5°	100.2	104.2	108.3	113.1	117.1	121.2	123.6	126.8	129.3	131.7	139.8
70°	87.3	91.3	96.1	100.2	105.0	109.1	110.7	112.3	113.1	114.7	122.0
72.5°	72.7	75.9	82.4	88.9	94.5	101.0	101.8	101.8	102.6	102.6	108.3
75°	63.0	65.4	70.3	75.1	79.2	84.0	86.4	88.9	90.5	92.9	96.1
77.5°	55.7	59.0	60.6	61.4	63.0	63.8	65.4	67.1	68.7	70.3	71.1
80°	41.2	45.2	46.9	47.7	49.3	50.1	50.1	49.3	49.3	48.5	49.3
82.5°	12.9	14.5	17.0	19.4	21.8	24.2	25.0	25.9	25.9	26.7	25.9
85°	2.4	3.2	4.8	6.5	7.3	8.9	8.1	6.5	5.7	4.0	3.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

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: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9
2.5°	1867.1	1890.5	1914.7	1905.0	1895.3	1885.7	1876.0	1877.6	1880.0	1881.6	1883.2
5°	1833.9	1832.3	1831.5	1859.0	1887.3	1914.7	1942.2	1972.1	2002.8	2032.7	2062.6
7.5°	1602.9	1599.7	1597.2	1632.8	1668.3	1703.9	1739.4	1780.6	1822.6	1863.8	1905.0
10°	1439.7	1446.2	1452.6	1467.2	1482.5	1497.0	1511.6	1551.2	1590.8	1629.5	1669.1
12.5°	1497.0	1542.3	1588.3	1597.2	1605.3	1614.2	1622.3	1627.9	1633.6	1639.2	1644.9
15°	1354.9	1410.6	1466.3	1489.8	1512.4	1535.8	1558.5	1618.2	1677.2	1737.0	1796.0
17.5°	1128.6	1186.8	1245.8	1316.1	1386.4	1456.7	1526.9	1591.6	1656.2	1720.8	1785.5
20°	863.7	941.2	1018.8	1107.6	1197.3	1286.2	1375.1	1439.7	1503.5	1568.1	1632.0
22.5°	620.5	683.5	746.5	854.0	960.6	1068.1	1174.7	1287.0	1400.1	1512.4	1624.7
25°	472.6	512.2	552.6	658.4	764.3	869.3	975.1	1129.5	1283.8	1438.1	1592.4
27.5°	401.5	429.0	455.7	551.0	646.3	740.8	836.2	1019.6	1203.0	1386.4	1569.8
30°	378.1	396.7	415.3	496.1	577.7	658.4	739.2	925.1	1110.9	1296.7	1482.5
32.5°	349.0	364.4	380.5	451.6	522.7	593.0	664.1	845.9	1027.7	1208.6	1390.4
35°	315.9	332.9	349.0	420.1	491.2	561.5	632.6	820.8	1009.1	1197.3	1385.6
37.5°	313.5	327.2	340.1	422.5	505.7	588.2	670.6	858.8	1047.0	1234.5	1422.7
40°	310.2	323.2	336.1	420.1	503.3	587.3	670.6	867.7	1064.8	1261.9	1459.1
42.5°	318.3	335.3	353.1	427.4	501.7	575.2	649.6	857.2	1064.8	1271.6	1479.3
45°	329.6	351.4	373.3	441.1	509.0	576.8	644.7	870.1	1095.5	1320.1	1545.5
47.5°	340.1	350.6	361.1	425.8	489.6	554.2	618.0	848.3	1078.6	1308.8	1539.1
50°	349.8	344.2	338.5	409.6	480.7	551.0	622.1	841.8	1060.8	1280.5	1499.5
52.5°	330.4	319.1	307.0	382.9	458.9	534.0	610.0	831.3	1052.7	1274.1	1495.4
55°	294.1	281.2	268.2	343.4	417.7	492.8	567.1	787.7	1008.3	1228.8	1449.4
57.5°	256.9	252.1	246.4	303.8	361.1	417.7	475.0	719.8	965.4	1210.2	1455.0
60°	218.9	223.8	229.4	270.6	311.9	352.2	393.5	633.4	872.5	1112.5	1351.6
62.5°	193.9	202.8	210.9	245.6	281.2	315.9	350.6	576.8	803.1	1029.3	1255.5
65°	169.7	179.4	189.0	230.3	272.3	313.5	354.7	546.1	737.6	929.1	1120.6
67.5°	147.8	155.1	163.2	217.3	271.5	325.6	379.7	536.4	692.4	849.1	1005.0
70°	129.3	135.7	143.0	206.0	269.0	332.0	395.1	528.4	662.5	795.8	929.1
72.5°	113.9	119.6	125.2	189.0	252.9	316.7	380.5	499.3	617.2	736.0	854.0
75°	99.4	101.8	105.0	159.2	212.5	266.6	319.9	399.1	479.1	558.3	637.4
77.5°	71.9	71.9	72.7	88.9	104.2	120.4	135.7	185.0	234.3	282.8	332.0
80°	49.3	50.1	50.1	56.6	62.2	68.7	74.3	84.8	94.5	105.0	114.7
82.5°	25.0	23.4	22.6	29.1	35.5	42.0	48.5	50.9	52.5	54.9	56.6
85°	2.4	0.8	0.0	4.0	8.1	12.1	16.2	19.4	22.6	25.9	29.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

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: P368371

CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9
2.5°	1876.8	1870.3	1863.8	1857.4	1897.0	1937.4	1976.9	2016.5	2128.8	2202.4	2194.3
5°	2091.7	2120.8	2149.8	2178.9	2225.8	2273.4	2320.3	2367.2	2533.6	2635.4	2649.9
7.5°	1950.3	1994.7	2040.0	2084.4	2174.9	2264.6	2355.0	2444.7	2581.3	2687.1	2746.9
10°	1720.0	1770.9	1821.0	1871.9	1973.7	2076.3	2178.1	2279.9	2433.4	2579.6	2654.8
12.5°	1724.9	1804.9	1884.8	1964.8	2053.7	2142.6	2230.6	2319.5	2413.2	2462.5	2568.3
15°	1859.0	1922.0	1985.0	2048.0	2164.4	2280.7	2396.2	2512.6	2568.3	2687.1	2810.7
17.5°	1908.3	2031.9	2154.7	2277.5	2422.9	2567.5	2712.9	2857.6	2962.6	3127.4	3255.1
20°	1817.0	2002.0	2186.2	2371.2	2570.8	2770.3	2969.9	3169.4	3284.1	3440.9	3638.0
22.5°	1821.0	2017.3	2212.9	2409.2	2684.7	2959.4	3234.9	3509.5	3817.4	4119.5	4215.7
25°	1849.3	2106.2	2362.3	2619.2	2937.5	3255.9	3574.2	3892.5	4264.1	4581.6	4709.3
27.5°	1859.0	2148.2	2436.6	2725.9	3178.3	3630.7	4083.2	4535.6	4979.1	5337.8	5474.4
30°	1835.6	2189.4	2542.5	2895.5	3450.6	4005.6	4560.6	5115.7	5536.6	5954.3	6123.9
32.5°	1841.2	2292.0	2742.8	3193.7	3847.2	4501.7	5155.2	5808.8	6077.9	6454.4	6753.3
35°	1880.0	2374.4	2868.1	3362.5	4085.6	4808.7	5531.7	6254.8	6695.9	7093.4	7347.1
37.5°	1970.5	2518.2	3065.2	3613.0	4501.7	5391.2	6279.9	7168.5	7851.2	8533.9	8650.2
40°	2037.5	2616.0	3194.5	3772.9	4804.6	5836.3	6868.0	7899.7	8672.1	9412.9	9492.1
42.5°	2113.5	2746.9	3381.1	4014.5	5168.2	6321.9	7475.6	8629.2	9523.6	10279.0	10331.5
45°	2196.7	2848.7	3499.8	4151.0	5359.6	6567.5	7776.1	8983.9	10028.5	10905.9	10708.0
47.5°	2236.3	2933.5	3630.7	4328.0	5623.8	6918.9	8214.8	9509.9	10447.0	11221.0	10989.9
50°	2267.0	3033.7	3801.2	4567.9	5926.8	7285.7	8644.6	10003.5	10943.1	11657.3	11295.3
52.5°	2353.4	3210.6	4068.6	4925.8	6371.1	7815.7	9261.0	10705.6	11614.5	12270.5	11763.1
55°	2437.5	3424.7	4412.8	5400.0	6954.5	8509.7	10064.1	11618.5	12523.3	13085.7	12396.5
57.5°	2543.3	3632.3	4720.6	5808.8	7471.5	9134.2	10796.0	12458.7	13343.4	13964.7	13248.8
60°	2515.8	3679.2	4843.4	6006.8	7700.2	9393.5	11086.9	12780.3	13831.3	14594.8	14109.3
62.5°	2409.2	3562.9	4715.7	5869.4	7532.9	9195.6	10859.1	12521.7	13781.3	14815.4	14652.2
65°	2193.5	3265.6	4338.5	5410.5	6998.9	8588.0	10176.4	11764.7	13319.1	14635.2	14693.4
67.5°	1909.9	2814.7	3718.8	4623.6	6105.3	7587.0	9067.9	10549.6	12384.4	13919.4	14092.3
70°	1609.3	2288.8	2969.1	3648.5	4952.5	6256.4	7559.6	8863.5	10771.0	12315.7	12642.1
72.5°	1290.2	1727.3	2163.6	2599.8	3541.1	4481.5	5422.7	6363.1	8041.1	9240.0	9809.6
75°	836.2	1034.9	1233.7	1432.4	2059.4	2685.5	3312.4	3938.5	5052.6	5935.7	6579.6
77.5°	372.4	412.8	452.4	492.8	976.8	1460.7	1944.6	2428.6	2912.5	3445.7	3596.8
80°	133.3	151.1	169.7	187.4	425.0	663.3	900.8	1138.3	1372.6	1648.1	1715.2
82.5°	55.7	55.7	54.9	54.1	139.0	223.8	308.6	393.5	454.9	522.7	535.6
85°	22.6	17.0	10.5	4.0	17.8	32.3	46.1	59.8	96.1	87.3	161.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

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: P368371

CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9
2.5°	2163.6	2162.0	2160.3	2158.7	2157.1	2128.0	2099.7	2070.7	2042.4	2077.9	2113.5
5°	2626.5	2668.5	2710.5	2753.3	2795.4	2807.5	2819.6	2831.7	2843.8	2869.7	2895.5
7.5°	2797.0	2868.1	2938.4	3009.4	3079.7	3145.2	3209.8	3275.3	3340.7	3324.5	3308.4
10°	2738.0	2866.4	2994.9	3124.2	3252.6	3280.9	3309.2	3338.3	3366.5	3440.1	3513.6
12.5°	2674.2	2828.5	2982.8	3137.1	3291.4	3377.0	3461.9	3547.5	3633.2	3707.5	3781.8
15°	2977.1	3075.7	3174.3	3273.6	3372.2	3447.3	3521.7	3596.8	3671.1	3722.8	3773.7
17.5°	3375.4	3423.9	3472.4	3521.7	3570.1	3629.1	3688.1	3747.1	3806.0	3836.7	3867.4
20°	3796.3	3817.4	3838.4	3859.4	3880.4	3833.5	3786.7	3739.8	3692.9	3722.0	3750.3
22.5°	4218.9	4226.2	4234.2	4241.5	4248.8	4139.7	4030.6	3921.6	3812.5	3766.5	3720.4
25°	4869.2	4815.9	4762.6	4709.3	4656.0	4526.7	4397.4	4268.2	4138.9	4025.0	3911.1
27.5°	5573.7	5392.8	5212.6	5031.6	4851.5	4722.2	4592.9	4463.7	4334.4	4163.1	3991.9
30°	6283.9	5992.2	5701.4	5409.7	5118.9	4965.4	4811.9	4657.6	4504.1	4332.8	4162.3
32.5°	6935.1	6584.4	6233.8	5882.4	5531.7	5273.2	5014.7	4756.1	4497.6	4378.0	4258.5
35°	7474.7	7060.3	6645.8	6230.6	5816.1	5560.0	5303.9	5047.8	4791.7	4614.0	4437.0
37.5°	8397.4	7931.2	7465.0	6998.9	6532.7	6182.9	5833.9	5484.1	5134.2	5015.5	4896.7
40°	9248.1	8660.8	8073.4	7486.1	6898.7	6605.4	6313.0	6019.7	5727.2	5532.5	5338.6
42.5°	9924.3	9305.5	8687.4	8068.6	7449.7	7159.7	6870.4	6580.4	6290.4	6160.3	6031.0
45°	10070.5	9487.2	8904.7	8321.4	7738.1	7569.3	7401.2	7232.4	7064.3	6974.7	6885.8
47.5°	10359.0	9726.4	9094.6	8462.0	7829.4	7753.5	7677.5	7600.8	7524.8	7567.7	7610.5
50°	10520.5	9875.0	9229.5	8584.0	7938.5	7960.3	7981.3	8003.1	8024.9	8328.7	8631.7
52.5°	10834.0	10182.0	9530.1	8878.1	8226.1	8363.4	8500.0	8637.3	8773.9	9192.4	9610.0
55°	11393.9	10753.2	10112.6	9471.1	8830.4	9011.4	9192.4	9374.1	9555.1	9999.5	10443.0
57.5°	12223.6	11587.8	10952.8	10317.0	9681.9	9862.1	10042.3	10222.4	10402.6	10804.1	11204.8
60°	13268.2	12615.4	11963.5	11310.7	10658.7	10726.6	10793.6	10861.5	10929.3	11360.8	11791.4
62.5°	14081.8	13481.5	12882.1	12281.8	11682.3	11607.2	11532.9	11457.7	11383.4	11711.4	12038.6
65°	14270.8	13848.3	13426.6	13004.1	12581.5	12350.5	12120.2	11889.1	11658.1	11790.6	11923.1
67.5°	13729.6	13444.4	13160.0	12874.8	12589.6	12107.3	11625.0	11141.8	10659.5	10589.2	10518.9
70°	12473.3	12317.3	12162.2	12006.3	11851.2	11107.9	10365.4	9622.2	8879.7	8701.1	8522.6
72.5°	9842.7	9939.7	10036.6	10134.4	10231.3	9435.5	8640.6	7844.8	7049.0	6822.8	6597.4
75°	6940.7	7269.5	7598.4	7927.2	8256.0	7530.5	6805.8	6080.3	5354.8	5137.5	4921.0
77.5°	3763.2	4379.7	4996.1	5612.5	6229.0	5630.3	5032.4	4433.8	3835.1	3684.1	3533.8
80°	1783.9	2139.3	2494.0	2849.5	3205.0	3070.0	2935.1	2799.4	2664.5	2697.6	2730.7
82.5°	547.0	803.9	1060.8	1317.7	1574.6	1594.8	1614.2	1634.4	1654.6	1704.7	1754.0
85°	183.4	251.3	319.1	387.0	454.9	574.4	694.0	814.4	933.9	856.4	779.6
87.5°	0.0	2.4	4.0	6.5	8.1	25.0	42.0	59.0	75.9	65.4	55.7
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: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

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: P368371

CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9
2.5°	2149.8	2185.4	2186.2	2187.8	2188.6	2189.4	2193.5	2197.5	2202.4	2206.4	2179.7
5°	2922.2	2948.0	2900.4	2852.7	2804.2	2756.6	2799.4	2842.2	2885.0	2927.9	2909.3
7.5°	3291.4	3275.3	3269.6	3264.7	3259.1	3254.2	3270.4	3286.6	3302.7	3318.9	3317.3
10°	3587.1	3660.6	3678.4	3696.2	3714.8	3732.5	3695.4	3658.2	3621.0	3583.9	3568.5
12.5°	3856.1	3930.5	3989.4	4048.4	4108.2	4167.2	4113.9	4061.3	4008.0	3955.5	3905.4
15°	3825.4	3876.3	3924.8	3973.3	4021.8	4070.2	4052.5	4035.5	4017.7	3999.9	3991.9
17.5°	3899.0	3929.7	3918.3	3907.0	3894.9	3883.6	3877.9	3873.1	3867.4	3861.8	3842.4
20°	3779.4	3808.5	3801.2	3794.7	3787.5	3780.2	3775.3	3770.5	3765.6	3760.8	3745.5
22.5°	3674.4	3628.3	3616.2	3604.9	3592.8	3581.4	3583.1	3584.7	3585.5	3587.1	3656.6
25°	3797.2	3683.2	3638.8	3594.4	3549.1	3504.7	3524.9	3544.3	3564.5	3584.7	3684.9
27.5°	3819.8	3648.5	3577.4	3506.3	3435.2	3364.1	3436.8	3509.5	3582.3	3655.0	3817.4
30°	3991.1	3820.6	3721.2	3622.6	3523.3	3424.7	3517.6	3610.5	3703.4	3796.3	3972.5
32.5°	4138.1	4018.5	3947.4	3876.3	3805.2	3734.1	3738.2	3741.4	3745.5	3749.5	3997.5
35°	4259.3	4082.3	4017.7	3953.9	3889.3	3825.4	3921.6	4017.7	4113.9	4210.0	4433.0
37.5°	4778.0	4659.2	4540.4	4422.5	4303.7	4185.8	4262.5	4339.3	4416.8	4493.6	4740.0
40°	5143.9	4950.0	4919.3	4889.4	4858.7	4828.9	4868.4	4907.2	4946.8	4986.4	5202.1
42.5°	5900.9	5770.9	5687.7	5605.3	5522.0	5439.6	5471.1	5502.6	5535.0	5566.5	5770.9
45°	6796.1	6706.4	6651.5	6596.6	6540.8	6485.9	6438.2	6391.3	6343.7	6296.8	6504.4
47.5°	7653.3	7696.1	7817.3	7937.7	8058.9	8179.2	8080.7	7982.1	7882.7	7784.2	7785.0
50°	8935.4	9238.4	9299.8	9360.4	9421.8	9482.4	9272.3	9062.3	8851.4	8641.4	8616.3
52.5°	10028.5	10446.2	10468.0	10489.8	10512.5	10534.3	10449.5	10364.6	10279.0	10194.2	9968.7
55°	10887.3	11330.9	11360.8	11389.9	11419.7	11448.8	11374.5	11301.0	11226.7	11152.3	10924.5
57.5°	11606.4	12007.1	12024.9	12041.8	12059.6	12077.4	12083.0	12088.7	12095.2	12100.8	11793.0
60°	12222.8	12654.2	12618.7	12583.9	12548.4	12513.7	12460.3	12407.0	12353.7	12300.4	12101.6
62.5°	12366.6	12694.6	12639.7	12585.6	12530.6	12476.5	12431.2	12386.8	12341.6	12296.3	12169.5
65°	12055.6	12188.1	12131.5	12075.0	12017.6	11961.0	11932.0	11903.7	11874.6	11845.5	11829.4
67.5°	10447.8	10377.6	10444.6	10511.7	10578.7	10645.8	10737.1	10828.4	10920.5	11011.8	10958.4
70°	8343.2	8164.7	8239.0	8312.5	8386.9	8460.4	8598.5	8736.7	8875.7	9013.8	8976.6
72.5°	6371.1	6144.9	6155.4	6165.9	6177.2	6187.8	6183.7	6180.5	6176.4	6172.4	6237.0
75°	4703.6	4486.3	4383.7	4281.1	4178.5	4075.9	4050.8	4025.8	4000.7	3975.7	4096.1
77.5°	3382.7	3232.4	3162.1	3092.7	3022.4	2952.9	2988.4	3024.0	3060.3	3095.9	3137.9
80°	2764.7	2797.8	2743.6	2690.3	2636.2	2582.1	2622.5	2662.0	2702.4	2742.8	2617.6
82.5°	1804.1	1853.3	1686.9	1520.5	1354.1	1187.6	1288.6	1389.6	1491.4	1592.4	1540.7
85°	702.1	625.3	533.2	441.9	349.8	257.7	335.3	412.8	490.4	568.0	619.7
87.5°	45.2	35.5	28.3	21.0	12.9	5.7	12.1	18.6	25.9	32.3	54.1
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: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

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: P368371

CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9	1707.9
2.5°	2153.9	2127.2	2101.4	2050.5	1999.6	1948.7	1897.8	1968.9	2040.0	2111.1	2182.2
5°	2891.5	2872.9	2855.1	2860.0	2864.8	2870.5	2875.3	2885.8	2896.3	2906.0	2916.5
7.5°	3316.5	3314.8	3313.2	3276.1	3238.9	3200.9	3163.8	3182.3	3200.9	3219.5	3238.1
10°	3554.0	3538.6	3523.3	3441.7	3360.1	3277.7	3196.1	3160.5	3124.2	3088.6	3053.1
12.5°	3855.3	3804.4	3754.3	3667.1	3580.6	3493.4	3406.1	3373.8	3340.7	3308.4	3275.3
15°	3984.6	3976.5	3969.2	3907.0	3844.0	3781.8	3718.8	3608.1	3496.6	3385.9	3275.3
17.5°	3823.0	3802.8	3783.4	3882.0	3979.7	4078.3	4176.9	4062.2	3947.4	3832.7	3718.0
20°	3730.1	3714.8	3699.4	3882.8	4065.4	4248.8	4431.4	4380.5	4328.8	4277.9	4227.0
22.5°	3726.1	3796.3	3865.8	4026.6	4186.6	4347.3	4507.3	4595.4	4684.2	4772.3	4860.4
25°	3785.0	3886.0	3986.2	4252.8	4519.4	4786.8	5053.5	5154.4	5254.6	5355.6	5455.8
27.5°	3978.9	4141.3	4302.9	4535.6	4768.3	5001.7	5234.4	5455.0	5676.3	5896.9	6117.5
30°	4147.8	4323.9	4500.0	4777.1	5053.5	5330.6	5606.9	5883.2	6159.5	6435.8	6712.1
32.5°	4245.5	4494.4	4742.4	5079.3	5415.4	5752.3	6089.2	6392.2	6695.1	6997.3	7300.2
35°	4656.0	4879.8	5102.7	5475.2	5847.6	6220.9	6593.3	6968.2	7343.1	7717.1	8092.0
37.5°	4986.4	5233.6	5480.0	5887.2	6293.6	6700.8	7108.0	7625.8	8144.5	8662.4	9180.2
40°	5417.8	5633.5	5849.2	6230.6	6611.1	6992.4	7373.8	8030.6	8687.4	9343.4	10000.3
42.5°	5974.5	6178.9	6383.3	6791.3	7199.2	7607.2	8015.2	8742.3	9469.5	10195.8	10922.9
45°	6712.1	6920.5	7128.2	7452.9	7777.7	8102.5	8427.3	9200.4	9972.8	10746.0	11518.3
47.5°	7785.8	7786.6	7787.4	8021.7	8256.0	8491.1	8725.4	9504.2	10282.2	11061.0	11839.1
50°	8591.3	8565.4	8540.4	8661.6	8781.9	8903.1	9024.3	9740.9	10458.3	11175.0	11891.6
52.5°	9744.2	9518.7	9294.1	9366.1	9437.1	9509.1	9580.1	10186.9	10794.4	11401.2	12007.9
55°	10697.5	10469.7	10241.8	10215.2	10188.5	10161.8	10135.2	10693.4	11251.7	11810.0	12368.2
57.5°	11486.0	11178.2	10871.2	10809.8	10749.2	10687.8	10626.4	11215.3	11803.5	12392.5	12980.6
60°	11903.7	11704.9	11506.2	11466.6	11426.2	11386.6	11346.2	11829.4	12312.5	12795.6	13278.7
62.5°	12043.5	11916.6	11790.6	11864.9	11939.2	12014.4	12088.7	12301.2	12512.8	12725.3	12937.0
65°	11814.0	11797.8	11781.7	11934.4	12086.3	12239.0	12391.7	12339.1	12285.8	12233.3	12180.8
67.5°	10905.9	10852.6	10800.1	11135.4	11469.8	11805.1	12140.4	11885.9	11630.6	11376.1	11121.6
70°	8939.5	8901.5	8864.3	9347.5	9830.6	10314.5	10797.7	10489.0	10180.4	9871.8	9563.2
72.5°	6300.9	6365.5	6430.1	6999.7	7568.5	8138.0	8706.8	8395.8	8084.7	7773.7	7462.6
75°	4215.7	4336.0	4456.4	5042.9	5629.5	6216.8	6803.4	6438.2	6073.0	5707.9	5342.7
77.5°	3179.9	3221.9	3263.9	3634.8	4005.6	4377.2	4748.1	4446.7	4144.6	3843.2	3541.1
80°	2492.4	2366.4	2241.1	2363.1	2485.1	2607.1	2729.1	2548.9	2368.8	2189.4	2009.3
82.5°	1489.0	1437.3	1385.6	1451.8	1517.2	1583.5	1649.7	1572.2	1493.8	1416.3	1337.9
85°	670.6	722.3	773.2	840.2	906.5	973.5	1040.6	932.3	824.1	715.8	607.5
87.5°	75.1	96.9	118.8	147.0	175.3	203.6	231.9	181.0	129.3	78.4	27.5
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: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

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: P368371
 CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1707.9	1707.9
2.5°	2223.4	2264.6
5°	2915.7	2914.1
7.5°	3189.6	3140.3
10°	3007.8	2962.6
12.5°	3159.7	3044.2
15°	3188.0	3100.7
17.5°	3575.8	3432.8
20°	4043.6	3859.4
22.5°	4608.3	4355.4
25°	5155.2	4854.7
27.5°	5937.3	5756.3
30°	6529.5	6346.1
32.5°	7175.8	7051.4
35°	7968.4	7844.0
37.5°	9212.6	9244.1
40°	10019.6	10039.0
42.5°	10998.0	11073.2
45°	11602.3	11686.4
47.5°	11956.2	12073.3
50°	12080.6	12269.7
52.5°	12241.4	12474.1
55°	12627.6	12886.9
57.5°	13187.4	13394.3
60°	13288.4	13298.1
62.5°	12787.5	12638.1
65°	12021.6	11862.5
67.5°	11025.5	10928.5
70°	9435.5	9307.9
72.5°	7225.1	6987.6
75°	5048.6	4754.5
77.5°	3386.7	3232.4
80°	2014.1	2018.1
82.5°	1375.1	1411.4
85°	600.3	592.2
87.5°	19.4	10.5
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: P368371
CATALOG NUMBER: MSA-SA4B-740-U-SLR-HSS

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)