

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: P366787

Luminaire Tested: **MSA-SA1B-740-U-SLR-HSS**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P366787
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-SA1B-740-U-SLR-HSS
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) 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: 3694 lumens
Efficiency: N/A
Efficacy: 84.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

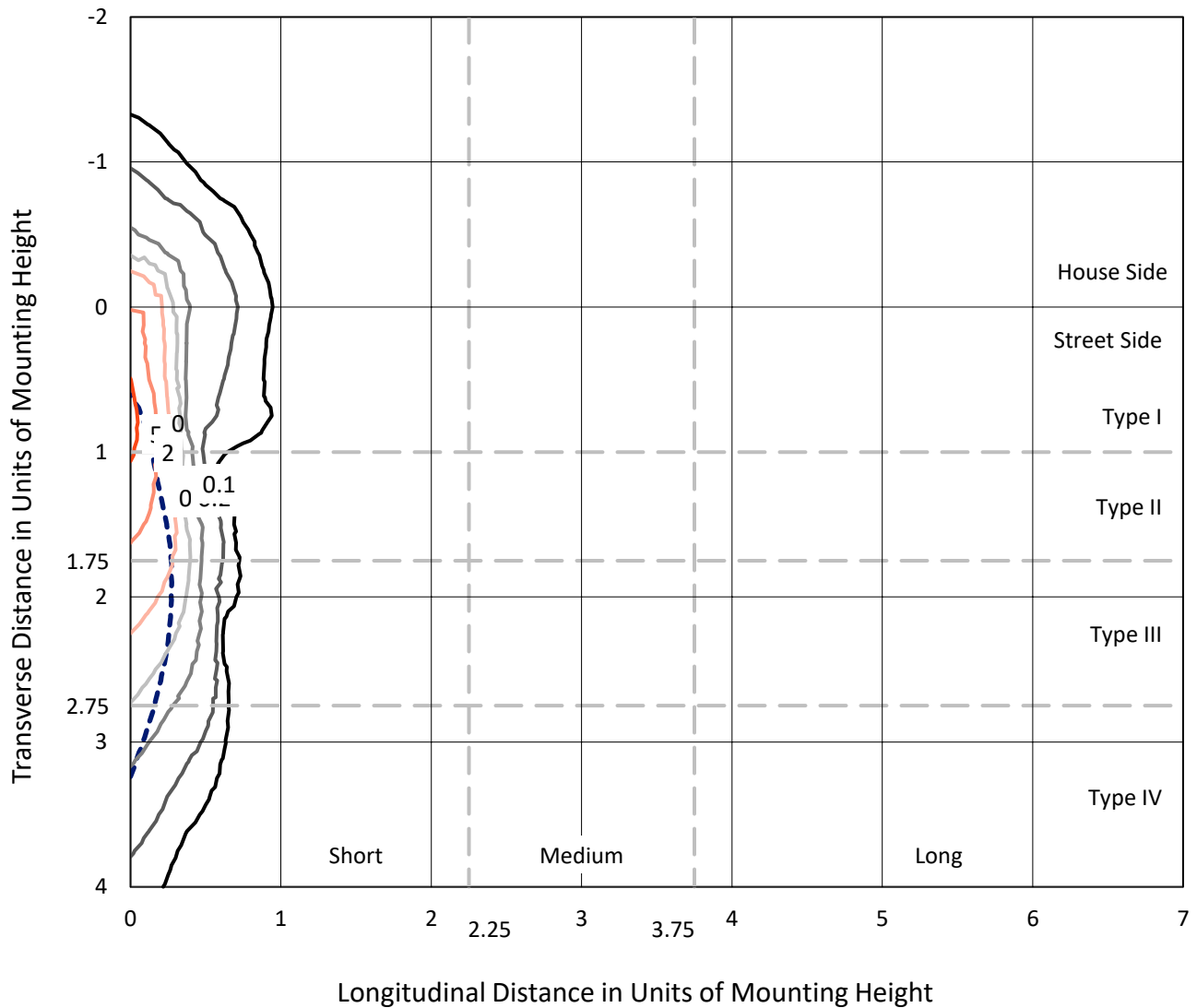
Input Watts (W): 44
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

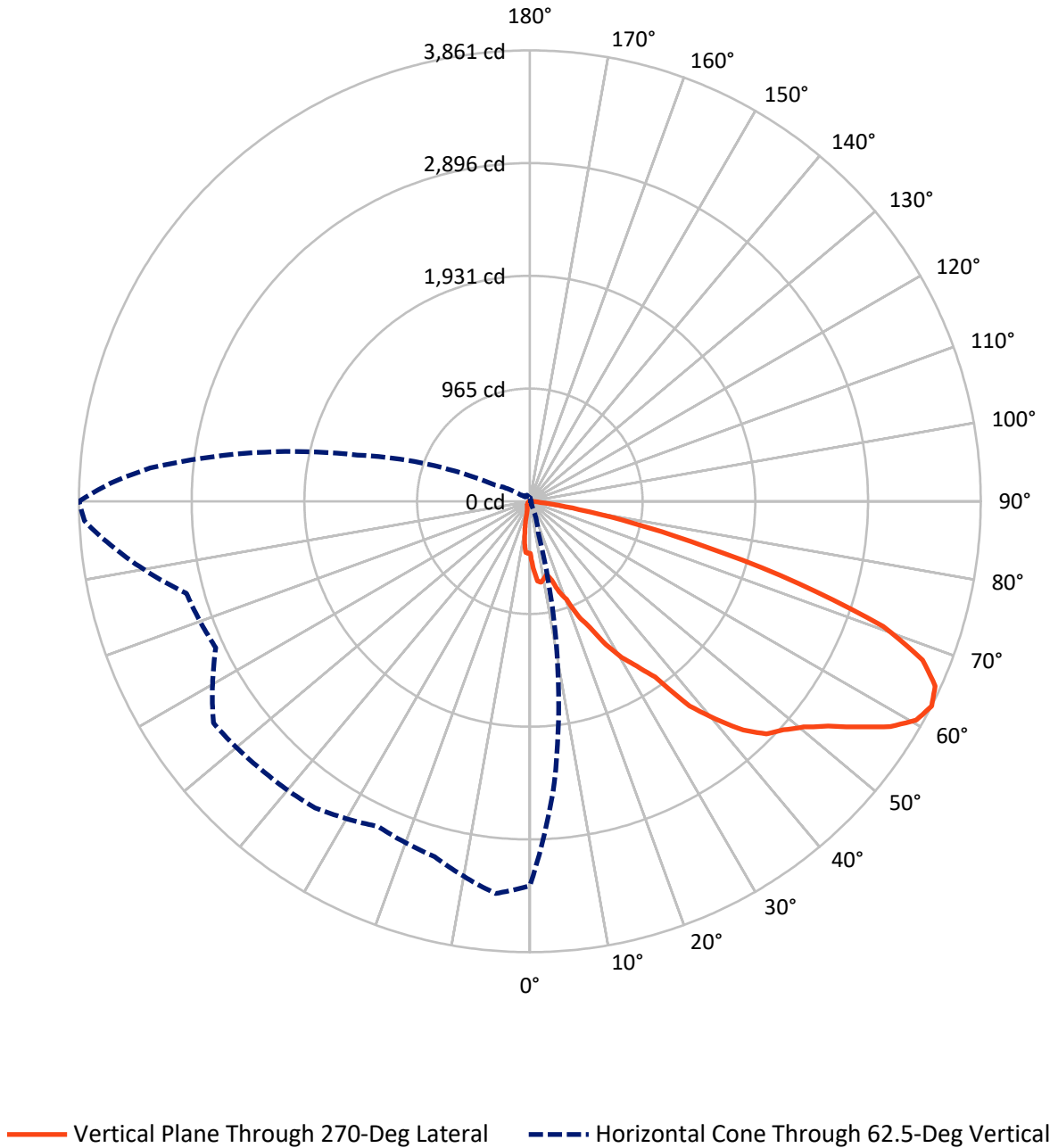
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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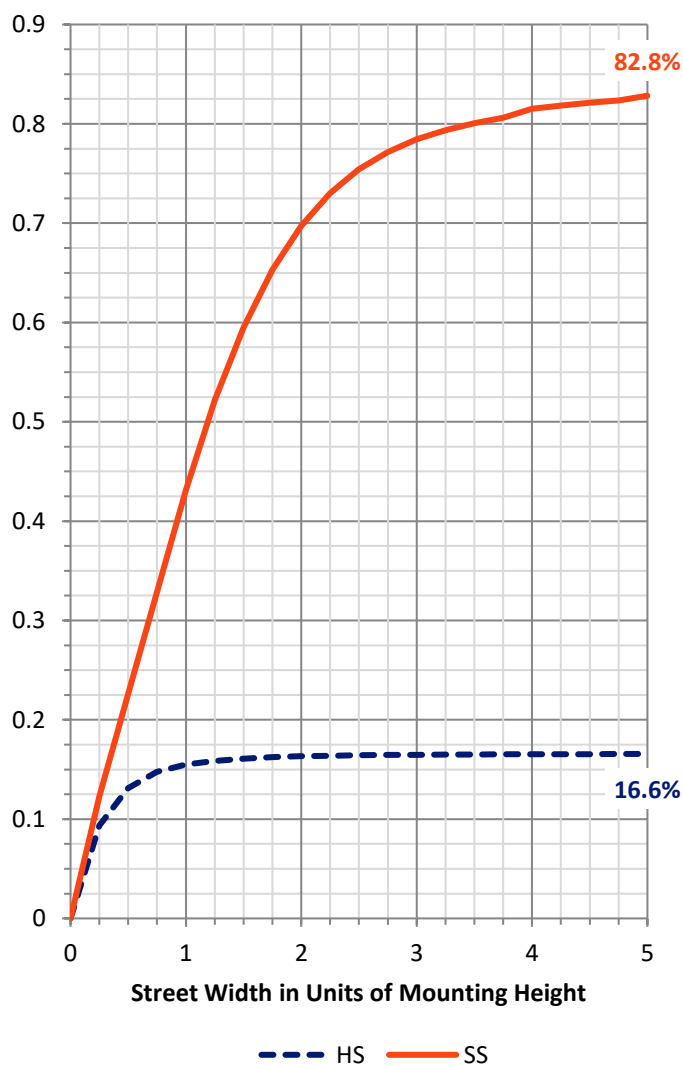
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	616.8	0.0	616.8
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	3077.1	0.0	3077.1
	% Fixture	83.3	0.0	83.3
Total	Lumens	3694.0	0.0	3694.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.7	1.3
10°-20°	129.9	3.5
20°-30°	210.0	5.7
30°-40°	351.7	9.5
40°-50°	574.9	15.6
50°-60°	851.1	23.0
60°-70°	977.1	26.5
70°-80°	483.1	13.1
80°-90°	66.4	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°	3694.0	100.0
0°-180°	3694.0	100.0

Coefficient of Utilization



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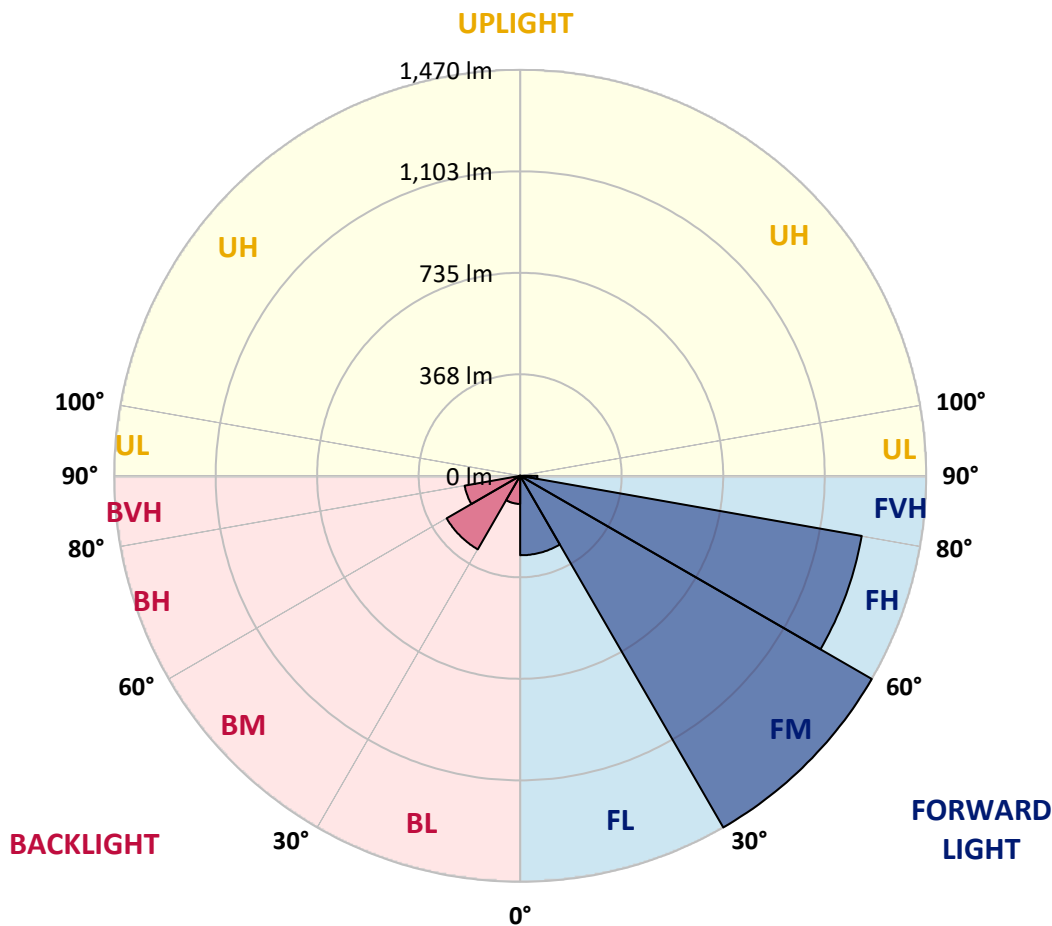
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	287.8	7.8			
FM (30°-60°)	1470.4	39.8			
FH (60°-80°)	1256.1	34.0			G1/1800
FVH (80°-90°)	62.8	1.7			G1/100
BL (0°-30°)	101.9	2.8	B0/110		
BM (30°-60°)	307.4	8.3	B1/1000		
BH (60°-80°)	204.1	5.5	B1/500		G1/500
BVH (80°-90°)	3.5	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

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°	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1
2.5°	590.2	597.6	604.8	591.1	577.4	563.7	550.0	537.8	525.6	513.2	500.9
5°	759.5	746.0	732.6	714.0	695.5	677.0	658.5	649.8	641.2	632.6	623.9
7.5°	818.5	794.5	770.3	753.8	737.6	721.2	704.8	678.9	652.8	626.9	600.8
10°	772.2	746.7	721.0	706.7	692.4	678.0	663.7	631.5	599.1	566.9	534.4
12.5°	793.4	765.8	738.3	708.8	679.3	649.8	620.3	595.7	570.9	546.2	521.4
15°	808.2	776.6	744.8	711.1	677.4	643.7	610.0	581.0	552.1	523.1	494.0
17.5°	894.7	849.4	804.2	752.4	700.6	648.8	597.0	563.3	529.8	496.1	462.4
20°	1005.9	941.7	877.2	807.1	737.0	666.9	596.8	554.9	512.9	471.0	429.1
22.5°	1135.2	1055.0	974.5	888.0	801.6	715.1	628.6	568.3	508.1	447.9	387.7
25°	1265.3	1192.9	1120.4	1004.0	887.6	770.9	654.5	578.0	501.4	424.9	348.3
27.5°	1500.3	1370.8	1241.3	1093.1	945.0	796.8	648.6	561.0	473.4	385.6	298.0
30°	1654.0	1554.4	1454.6	1258.8	1063.2	867.3	671.5	560.5	449.6	338.4	227.4
32.5°	1837.9	1692.1	1546.2	1333.7	1121.3	908.8	696.4	566.0	435.5	305.1	174.6
35°	2044.4	1885.9	1727.3	1458.2	1189.1	919.8	650.7	524.3	398.0	271.6	145.3
37.5°	2409.3	2144.0	1878.7	1565.0	1251.0	937.2	623.3	497.2	370.8	244.7	118.3
40°	2616.5	2363.2	2109.9	1717.8	1325.7	933.7	541.6	429.6	317.7	205.7	93.7
42.5°	2886.1	2564.7	2243.2	1805.0	1366.8	928.6	490.4	386.8	283.2	179.4	75.8
45°	3045.9	2681.8	2317.7	1842.9	1368.1	893.2	418.4	328.7	239.0	149.3	59.6
47.5°	3146.8	2781.6	2416.5	1906.7	1397.1	887.3	377.6	295.0	212.5	129.9	47.4
50°	3197.9	2831.7	2465.3	1941.5	1417.6	893.4	369.5	287.4	205.1	123.0	40.6
52.5°	3251.2	2898.1	2544.7	2001.7	1458.6	915.6	372.5	288.7	205.1	121.3	37.5
55°	3358.8	3010.5	2662.0	2088.0	1514.0	940.0	366.0	283.4	200.9	118.1	35.6
57.5°	3491.0	3118.7	2746.2	2151.2	1556.1	961.0	366.0	283.0	200.0	116.9	33.9
60°	3466.0	3061.9	2657.6	2080.2	1502.8	925.2	347.9	268.9	190.1	111.2	32.2
62.5°	3293.9	2855.3	2416.5	1882.9	1349.1	815.5	281.7	218.8	155.8	92.7	29.7
65°	3091.8	2626.2	2160.4	1669.4	1178.1	687.1	195.8	153.7	111.4	69.3	27.0
67.5°	2848.4	2351.9	1855.3	1418.6	982.1	545.4	108.7	87.6	66.5	45.3	24.2
70°	2426.0	1913.4	1400.7	1065.1	729.6	394.0	58.3	49.3	40.2	31.2	22.1
72.5°	1821.2	1351.6	882.1	670.0	458.2	246.2	34.1	30.7	27.2	23.8	20.2
75°	1239.2	887.3	535.5	407.7	280.1	152.2	24.4	22.7	20.8	19.2	17.3
77.5°	842.5	609.4	376.3	287.2	198.1	109.1	20.0	19.0	17.9	16.6	15.6
80°	526.0	360.1	194.1	149.5	104.7	60.0	15.2	14.5	13.9	13.1	12.4
82.5°	367.9	220.0	72.2	56.4	40.6	24.6	8.8	9.1	9.3	9.3	9.5
85°	154.3	83.4	12.4	10.5	8.6	6.7	4.8	5.3	5.9	6.3	6.7
87.5°	2.7	1.5	0.0	0.4	1.1	1.5	1.9	2.5	2.9	3.6	4.0
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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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°	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1
2.5°	504.1	507.3	510.2	513.4	510.8	508.5	506.0	503.5	499.7	496.1	492.3
5°	613.4	602.9	592.3	581.8	565.8	549.8	533.6	517.6	515.7	513.8	511.7
7.5°	576.1	551.5	526.6	502.0	478.8	455.7	432.5	409.3	402.2	395.2	388.1
10°	515.5	496.5	477.4	458.4	441.8	424.9	408.3	391.4	374.0	356.5	338.8
12.5°	501.6	481.8	461.8	442.0	426.8	411.7	396.5	381.3	361.8	342.2	322.6
15°	472.5	451.0	429.6	408.1	387.9	367.7	347.2	327.0	303.4	279.8	256.3
17.5°	436.9	411.7	386.2	360.7	334.2	307.6	281.1	254.6	227.4	200.5	173.3
20°	394.6	360.1	325.3	290.8	257.9	225.1	192.0	159.2	142.1	125.3	108.2
22.5°	343.0	298.2	253.5	208.7	181.7	154.6	127.6	100.4	93.1	85.7	78.3
25°	297.5	246.8	196.0	145.3	128.2	111.2	94.1	77.1	73.7	70.1	66.8
27.5°	250.2	202.6	154.8	107.0	97.3	87.4	77.7	67.8	65.5	63.4	61.1
30°	191.8	156.2	120.4	84.9	78.5	72.2	65.7	59.4	58.3	57.1	56.0
32.5°	148.7	122.6	96.7	70.5	67.0	63.4	59.8	56.2	54.5	52.9	51.0
35°	124.2	103.4	82.3	61.3	58.7	56.0	53.5	50.7	49.1	47.2	45.5
37.5°	103.0	87.8	72.4	57.1	54.3	51.6	48.6	45.9	44.6	43.4	42.1
40°	84.9	76.0	67.2	58.3	54.3	50.3	46.3	42.3	41.3	40.2	39.2
42.5°	70.1	64.4	58.5	52.9	49.9	47.2	44.2	41.3	39.8	38.1	36.6
45°	56.6	53.5	50.5	47.4	47.6	47.8	47.8	48.0	44.2	40.2	36.4
47.5°	45.9	44.4	42.7	41.3	43.0	44.6	46.1	47.8	43.8	39.8	35.6
50°	39.4	38.3	37.1	35.8	37.5	39.4	41.1	42.7	41.1	39.6	37.9
52.5°	36.0	34.5	33.1	31.6	32.2	33.1	33.7	34.3	34.3	34.3	34.3
55°	33.9	32.4	30.7	29.1	28.4	27.6	27.0	26.1	25.1	24.2	23.2
57.5°	32.2	30.5	28.6	27.0	25.9	24.6	23.6	22.3	21.3	20.0	19.0
60°	30.5	28.8	27.0	25.3	24.2	23.2	21.9	20.8	19.6	18.5	17.3
62.5°	28.2	26.7	25.3	23.8	22.7	21.9	20.8	19.8	18.5	17.3	15.8
65°	25.7	24.6	23.4	22.1	21.1	20.0	19.0	17.9	16.6	15.6	14.3
67.5°	23.4	22.3	21.5	20.4	19.2	18.1	16.8	15.6	14.7	13.9	12.8
70°	21.5	20.6	20.0	19.2	17.9	16.8	15.6	14.3	13.7	12.8	12.2
72.5°	19.6	19.0	18.1	17.5	16.4	15.4	14.3	13.3	12.6	12.0	11.4
75°	16.8	16.4	16.0	15.6	14.5	13.5	12.2	11.2	10.9	10.7	10.5
77.5°	15.2	15.0	14.5	14.1	13.1	12.0	10.9	9.9	10.1	10.3	10.3
80°	12.4	12.4	12.2	12.2	11.4	10.5	9.5	8.6	9.1	9.7	10.1
82.5°	9.5	9.5	9.5	9.5	8.6	7.8	6.9	6.1	6.7	7.2	7.8
85°	6.5	6.3	6.1	5.9	5.3	4.8	4.2	3.6	4.4	5.1	5.9
87.5°	4.0	4.2	4.2	4.2	3.8	3.2	2.7	2.1	2.5	2.7	3.2
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



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 CATALOG NUMBER: MSA-SA1B-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: P366787
 CATALOG NUMBER: MSA-SA1B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1
2.5°	488.5	482.2	475.9	469.4	463.0	448.3	433.6	418.8	404.1	415.0	425.8
5°	509.8	497.6	485.2	472.9	460.5	455.0	449.8	444.3	438.8	439.7	440.7
7.5°	380.9	372.9	364.9	356.7	348.7	347.0	345.5	343.9	342.2	345.8	349.1
10°	321.3	310.2	298.8	287.6	276.3	270.2	264.1	257.9	251.8	251.2	250.4
12.5°	303.0	286.0	269.1	252.1	235.0	221.7	208.5	195.2	181.9	183.0	184.0
15°	232.7	215.6	198.8	181.7	164.7	153.9	143.0	132.2	121.3	118.1	115.0
17.5°	146.1	133.5	120.9	108.0	95.4	91.8	88.4	84.9	81.3	80.2	79.2
20°	91.2	85.7	80.2	74.5	69.1	68.2	67.4	66.5	65.7	66.3	67.0
22.5°	71.0	68.6	66.1	63.8	61.3	60.4	59.6	58.7	57.9	58.5	59.0
25°	63.2	61.5	59.8	58.1	56.4	55.6	54.5	53.7	52.6	53.1	53.7
27.5°	58.7	57.3	55.8	54.3	52.9	51.4	50.1	48.6	47.2	48.0	48.6
30°	54.7	53.1	51.6	49.9	48.2	46.7	45.3	43.6	42.1	43.0	43.8
32.5°	49.3	47.8	46.1	44.6	43.0	42.1	41.3	40.2	39.4	40.0	40.4
35°	43.6	42.3	41.3	40.0	38.7	37.9	37.3	36.4	35.6	35.8	36.2
37.5°	40.9	39.4	37.9	36.4	35.0	34.5	34.1	33.5	33.1	33.1	33.1
40°	38.1	36.6	35.2	33.5	32.0	31.4	30.7	30.1	29.5	29.5	29.5
42.5°	35.0	33.5	32.0	30.5	29.1	28.4	27.6	27.0	26.1	26.1	26.1
45°	32.4	31.0	29.7	28.2	26.7	25.7	24.6	23.4	22.3	22.1	21.9
47.5°	31.6	29.5	27.4	25.3	23.2	22.1	21.1	19.8	18.7	18.5	18.3
50°	36.2	32.0	27.8	23.6	19.4	18.5	17.7	16.8	16.0	15.6	15.4
52.5°	34.3	29.9	25.5	21.1	16.6	16.0	15.4	14.7	14.1	13.7	13.3
55°	22.1	20.2	18.5	16.6	14.7	14.3	13.9	13.3	12.8	12.4	12.0
57.5°	17.7	16.6	15.8	14.7	13.7	13.3	12.8	12.2	11.8	11.2	10.7
60°	16.0	15.2	14.3	13.5	12.6	12.2	11.8	11.4	10.9	10.3	9.9
62.5°	14.5	13.9	13.3	12.6	12.0	11.6	11.2	10.7	10.3	9.7	9.1
65°	13.1	12.6	12.2	11.8	11.4	10.9	10.5	9.9	9.5	8.8	8.2
67.5°	12.0	11.8	11.6	11.4	11.2	10.7	10.1	9.7	9.1	8.4	7.6
70°	11.4	11.4	11.4	11.2	11.2	10.7	10.1	9.7	9.1	8.2	7.6
72.5°	10.7	10.9	11.2	11.2	11.4	10.7	10.1	9.5	8.8	8.0	7.4
75°	10.3	10.5	10.7	10.7	10.9	10.5	10.1	9.5	9.1	8.2	7.4
77.5°	10.5	10.7	10.7	10.9	10.9	10.5	10.1	9.5	9.1	8.0	6.9
80°	10.5	10.3	10.1	9.7	9.5	8.6	7.8	6.7	5.9	4.6	3.6
82.5°	8.2	7.8	7.6	7.2	6.7	5.9	5.1	4.2	3.4	2.5	1.7
85°	6.5	6.1	5.9	5.5	5.1	4.4	3.6	2.9	2.1	1.7	1.1
87.5°	3.4	3.2	2.7	2.5	2.1	1.7	1.1	0.6	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: P366787
 CATALOG NUMBER: MSA-SA1B-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: P366787
 CATALOG NUMBER: MSA-SA1B-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°	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1
2.5°	436.7	447.5	446.0	444.5	451.5	458.4	453.4	448.5	443.5	438.4	427.9
5°	441.6	442.4	440.9	439.2	439.5	439.7	436.3	432.9	429.6	426.2	425.6
7.5°	352.7	356.1	360.7	365.1	365.3	365.3	362.8	360.3	357.5	355.0	356.3
10°	249.7	248.9	250.2	251.4	251.2	250.8	257.5	264.3	270.8	277.5	272.7
12.5°	184.9	185.9	180.7	175.4	177.3	179.0	180.0	181.1	182.1	183.2	186.1
15°	111.8	108.7	104.9	101.1	103.0	104.7	106.5	108.2	110.1	111.8	113.7
17.5°	77.9	76.9	75.2	73.3	73.5	73.7	73.9	74.1	74.1	74.3	74.8
20°	67.6	68.2	67.0	65.5	65.1	64.4	64.0	63.6	63.0	62.5	61.9
22.5°	59.6	60.0	60.2	60.2	59.4	58.3	57.5	56.9	56.0	55.2	54.7
25°	54.1	54.5	54.1	53.5	53.1	52.6	52.2	51.6	51.2	50.5	50.3
27.5°	49.5	50.1	50.1	49.9	49.5	48.9	47.8	47.0	45.9	44.9	45.1
30°	44.6	45.5	45.5	45.3	45.1	44.9	43.8	42.7	41.7	40.6	41.1
32.5°	41.1	41.5	41.3	41.1	41.1	40.9	40.0	39.4	38.5	37.7	37.7
35°	36.4	36.6	36.6	36.6	36.6	36.4	35.8	35.2	34.5	33.9	34.1
37.5°	33.1	33.1	33.7	34.1	33.7	33.3	32.8	32.2	31.8	31.2	31.2
40°	29.3	29.3	29.9	30.3	29.9	29.5	29.3	28.8	28.6	28.2	28.2
42.5°	25.9	25.9	26.5	27.0	27.0	26.7	26.3	25.9	25.5	25.1	25.3
45°	21.7	21.5	22.5	23.4	23.0	22.5	22.5	22.3	22.3	22.1	22.3
47.5°	17.9	17.7	18.5	19.4	19.2	18.7	18.7	18.7	18.7	18.7	19.0
50°	15.0	14.5	15.4	16.0	15.8	15.4	15.4	15.6	15.6	15.6	15.8
52.5°	12.8	12.4	13.1	13.5	13.3	13.1	13.1	13.3	13.3	13.3	13.5
55°	11.4	10.9	11.6	12.0	11.8	11.4	11.6	11.6	11.8	11.8	11.8
57.5°	10.1	9.5	9.9	10.3	10.3	10.1	10.3	10.3	10.5	10.5	10.5
60°	9.3	8.6	9.1	9.3	9.3	9.1	9.3	9.3	9.5	9.5	9.5
62.5°	8.2	7.6	8.0	8.2	8.2	8.0	8.2	8.2	8.4	8.4	8.4
65°	7.4	6.7	6.9	7.2	7.2	7.2	7.4	7.4	7.6	7.6	7.6
67.5°	6.9	6.1	6.3	6.5	6.5	6.5	6.7	6.7	6.9	6.9	7.2
70°	6.7	5.9	6.1	6.1	6.3	6.3	6.3	6.5	6.5	6.5	6.5
72.5°	6.5	5.7	5.7	5.7	5.9	5.9	5.9	6.1	6.1	6.1	6.1
75°	6.5	5.7	5.5	5.3	5.5	5.5	5.5	5.7	5.7	5.7	5.7
77.5°	5.7	4.6	4.2	3.6	4.2	4.6	4.8	4.8	5.1	5.1	5.1
80°	2.3	1.1	0.6	0.0	0.2	0.4	0.6	0.8	1.1	1.3	1.5
82.5°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.6	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: P366787
 CATALOG NUMBER: MSA-SA1B-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: P366787
 CATALOG NUMBER: MSA-SA1B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1
2.5°	417.3	406.8	396.3	401.3	406.4	411.5	416.5	416.1	415.5	415.0	414.4
5°	425.1	424.5	423.9	420.9	418.2	415.2	412.3	411.7	410.8	410.2	409.3
7.5°	357.5	358.6	359.9	356.5	353.1	349.8	346.4	337.8	329.1	320.3	311.6
10°	267.8	262.8	257.9	257.5	257.1	256.7	256.3	255.4	254.6	253.5	252.7
12.5°	189.3	192.3	195.2	194.1	193.1	191.8	190.8	192.3	193.9	195.4	196.9
15°	115.4	117.3	119.0	122.8	126.6	130.3	134.1	135.6	137.3	138.8	140.2
17.5°	75.2	75.4	75.8	80.0	84.0	88.2	92.2	95.0	97.7	100.2	103.0
20°	61.3	60.6	60.0	62.3	64.6	67.0	69.3	71.8	74.3	76.9	79.4
22.5°	54.5	54.1	53.7	54.5	55.4	56.0	56.9	58.7	60.9	62.7	64.6
25°	50.1	49.7	49.5	49.9	50.3	50.7	51.2	52.2	53.3	54.3	55.4
27.5°	45.1	45.3	45.3	45.7	45.9	46.3	46.5	47.0	47.6	48.0	48.4
30°	41.3	41.7	41.9	42.3	42.5	43.0	43.2	43.0	42.7	42.5	42.3
32.5°	37.7	37.5	37.5	37.9	38.1	38.5	38.7	39.2	39.6	39.8	40.2
35°	34.1	34.3	34.3	34.3	34.5	34.5	34.5	35.0	35.6	36.0	36.4
37.5°	31.0	31.0	30.7	31.4	31.8	32.4	32.8	33.3	33.9	34.3	34.7
40°	28.2	28.2	28.2	28.6	29.1	29.3	29.7	30.7	31.8	32.8	33.9
42.5°	25.3	25.5	25.5	25.9	26.3	26.5	27.0	27.8	28.4	29.3	29.9
45°	22.5	22.7	23.0	23.4	23.6	24.0	24.2	24.6	24.8	25.3	25.5
47.5°	19.4	19.6	19.8	20.2	20.4	20.8	21.1	20.8	20.8	20.6	20.4
50°	16.2	16.4	16.6	17.3	17.7	18.3	18.7	18.3	17.9	17.3	16.8
52.5°	13.7	13.7	13.9	14.3	14.7	15.0	15.4	15.2	15.0	14.7	14.5
55°	11.8	11.8	11.8	12.0	12.2	12.4	12.6	12.8	12.8	13.1	13.1
57.5°	10.5	10.3	10.3	10.5	10.7	10.7	10.9	11.2	11.2	11.4	11.4
60°	9.5	9.3	9.3	9.5	9.7	9.9	10.1	10.1	10.1	9.9	9.9
62.5°	8.4	8.4	8.4	8.6	8.6	8.8	8.8	8.8	9.1	9.1	9.1
65°	7.8	7.8	7.8	7.8	7.8	7.6	7.6	7.8	7.8	8.0	8.0
67.5°	7.2	7.4	7.4	7.2	6.9	6.7	6.5	6.7	6.7	6.9	6.9
70°	6.5	6.5	6.5	6.3	6.1	5.9	5.7	5.7	5.7	5.5	5.5
72.5°	6.1	5.9	5.9	5.7	5.3	5.1	4.6	4.4	4.4	4.2	4.0
75°	5.7	5.5	5.5	5.1	4.6	4.2	3.8	3.6	3.2	2.9	2.5
77.5°	5.1	5.1	5.1	4.4	4.0	3.4	2.7	2.3	1.9	1.3	0.8
80°	1.7	1.9	2.1	1.9	1.9	1.7	1.5	1.1	0.8	0.4	0.0
82.5°	0.2	0.2	0.2	0.2	0.2	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: P366787
 CATALOG NUMBER: MSA-SA1B-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: P366787
 CATALOG NUMBER: MSA-SA1B-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°	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1
2.5°	416.7	419.0	421.3	423.7	423.9	424.1	424.3	424.5	419.2	413.8	408.5
5°	413.6	418.0	422.2	426.4	424.1	421.8	419.5	417.1	416.9	416.9	416.7
7.5°	312.3	312.7	313.3	313.7	314.6	315.4	316.1	316.9	320.3	323.6	326.8
10°	249.9	247.2	244.3	241.5	239.4	237.1	235.0	232.7	234.4	236.3	237.9
12.5°	194.6	192.3	189.7	187.4	186.6	185.7	184.7	183.8	189.3	194.8	200.0
15°	139.8	139.4	138.8	138.3	141.1	143.8	146.6	149.3	153.9	158.3	163.0
17.5°	104.0	105.1	106.1	107.2	108.9	110.5	112.0	113.7	117.1	120.7	124.0
20°	80.6	82.1	83.4	84.6	84.2	83.8	83.2	82.8	85.5	88.2	90.8
22.5°	65.9	67.0	68.2	69.3	69.5	69.7	69.9	70.1	71.8	73.3	75.0
25°	56.4	57.7	58.7	59.8	60.0	60.2	60.4	60.6	62.7	64.9	66.8
27.5°	49.9	51.2	52.6	53.9	54.3	54.7	55.2	55.6	56.9	57.9	59.2
30°	44.0	45.7	47.4	49.1	49.7	50.3	51.0	51.6	52.9	54.3	55.6
32.5°	41.1	42.1	43.0	43.8	45.3	46.5	48.0	49.3	50.7	52.4	53.9
35°	37.7	38.7	40.0	41.1	42.1	43.2	44.0	45.1	45.9	46.7	47.4
37.5°	35.6	36.6	37.5	38.3	38.7	39.2	39.4	39.8	40.2	40.6	40.9
40°	33.9	33.7	33.7	33.5	33.9	34.5	35.0	35.4	36.6	37.7	39.0
42.5°	29.5	28.8	28.4	27.8	28.8	29.7	30.7	31.6	33.3	35.0	36.6
45°	25.1	24.6	24.0	23.6	25.1	26.5	28.0	29.5	31.4	33.1	35.0
47.5°	20.6	20.8	20.8	21.1	22.5	24.0	25.3	26.7	28.6	30.5	32.4
50°	17.3	17.7	18.1	18.5	20.0	21.3	22.7	24.0	26.1	28.0	30.1
52.5°	15.2	15.8	16.2	16.8	18.1	19.6	20.8	22.1	24.0	25.9	27.8
55°	13.7	14.5	15.2	15.8	16.8	17.9	19.0	20.0	21.9	23.8	25.5
57.5°	12.0	12.6	13.3	13.9	15.0	16.0	16.8	17.9	19.6	21.5	23.2
60°	10.5	10.9	11.6	12.0	12.8	13.9	14.7	15.6	17.3	19.0	20.4
62.5°	9.3	9.7	9.9	10.1	10.9	11.8	12.6	13.5	15.0	16.6	18.1
65°	8.2	8.4	8.4	8.6	9.3	10.1	10.7	11.4	13.1	14.5	16.2
67.5°	6.9	7.2	7.2	7.2	7.8	8.4	9.1	9.7	11.2	12.8	14.3
70°	5.5	5.7	5.7	5.7	6.3	7.2	7.8	8.4	9.7	10.9	12.2
72.5°	4.2	4.2	4.4	4.4	5.1	5.9	6.5	7.2	8.2	9.3	10.3
75°	2.7	2.9	2.9	3.2	3.8	4.6	5.3	5.9	6.9	8.0	8.8
77.5°	1.1	1.5	1.7	1.9	2.5	3.2	3.8	4.4	5.3	6.3	7.2
80°	0.0	0.2	0.2	0.2	0.6	0.8	1.3	1.5	2.1	2.9	3.6
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: P366787
 CATALOG NUMBER: MSA-SA1B-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: P366787
 CATALOG NUMBER: MSA-SA1B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1
2.5°	403.0	414.6	426.2	437.8	449.4	463.7	478.0	480.1	482.2	479.7	477.4
5°	416.5	422.2	427.7	433.4	438.8	455.3	471.5	471.7	471.7	471.9	471.9
7.5°	330.2	335.0	339.9	344.5	349.3	360.1	370.8	374.8	378.6	377.8	376.9
10°	239.6	245.9	252.1	258.4	264.5	274.4	284.3	288.1	291.6	303.2	315.0
12.5°	205.5	211.6	217.7	223.6	229.7	239.8	249.9	257.3	264.5	271.6	278.8
15°	167.4	172.2	177.3	182.1	187.0	191.6	196.3	205.3	214.1	221.3	228.5
17.5°	127.4	129.5	131.4	133.5	135.4	137.5	139.6	143.4	147.0	153.3	159.4
20°	93.5	95.2	96.9	98.3	100.0	102.1	104.2	107.0	109.5	111.0	112.2
22.5°	76.4	79.0	81.5	83.8	86.3	87.8	89.3	90.1	91.0	91.6	92.2
25°	68.9	71.2	73.3	75.6	77.7	78.3	79.0	80.6	82.3	82.3	82.3
27.5°	60.2	63.4	66.8	69.9	73.1	73.9	74.5	75.2	75.6	74.8	73.7
30°	56.9	60.0	63.2	66.1	69.3	70.5	71.6	72.2	72.9	71.8	70.8
32.5°	55.4	58.3	61.1	64.0	66.8	68.4	69.9	71.6	73.1	73.3	73.7
35°	48.2	50.1	52.2	54.1	56.0	56.9	57.7	58.3	58.7	58.7	58.7
37.5°	41.3	43.8	46.5	49.1	51.6	53.5	55.4	55.6	55.6	56.0	56.6
40°	40.0	42.5	45.1	47.4	49.9	52.0	53.9	54.1	54.3	54.7	55.2
42.5°	38.3	41.1	43.8	46.5	49.3	51.4	53.3	53.3	53.1	53.7	54.1
45°	36.6	39.4	41.9	44.6	47.2	49.9	52.4	51.8	51.0	52.0	52.9
47.5°	34.3	37.3	40.2	43.0	45.9	48.4	50.7	50.3	49.7	50.7	51.8
50°	32.0	35.0	37.9	40.9	43.8	46.5	49.1	48.6	48.2	49.5	50.5
52.5°	29.7	32.6	35.8	38.7	41.7	44.0	46.1	45.9	45.7	47.0	48.4
55°	27.4	30.1	33.1	35.8	38.5	41.1	43.4	43.0	42.5	43.6	44.6
57.5°	24.8	27.6	30.1	32.8	35.4	37.5	39.4	38.7	38.1	39.4	40.6
60°	22.1	24.6	27.2	29.5	32.0	33.7	35.2	34.7	34.1	35.4	36.6
62.5°	19.6	21.9	24.2	26.3	28.6	29.9	31.2	30.7	30.3	31.6	33.1
65°	17.7	19.6	21.3	23.2	24.8	26.1	27.4	26.7	26.1	27.6	28.8
67.5°	15.8	17.3	19.0	20.4	21.9	23.0	24.0	23.6	23.0	24.0	25.1
70°	13.5	15.0	16.4	17.7	19.2	20.2	21.3	20.6	19.8	20.8	21.9
72.5°	11.4	12.6	13.9	15.0	16.2	17.1	17.9	17.3	16.6	17.5	18.3
75°	9.9	10.9	12.0	12.8	13.9	14.3	14.7	14.5	14.1	15.0	15.6
77.5°	8.0	8.8	9.9	10.7	11.6	11.6	11.6	11.8	11.8	12.6	13.7
80°	4.2	5.1	5.9	6.5	7.4	7.4	7.2	7.6	7.8	8.8	9.9
82.5°	0.0	0.6	1.3	1.9	2.5	2.3	1.9	2.1	2.1	2.5	2.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
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: P366787
 CATALOG NUMBER: MSA-SA1B-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: P366787
 CATALOG NUMBER: MSA-SA1B-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°	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1
2.5°	474.8	472.3	470.6	469.1	467.5	465.8	467.9	470.0	471.9	474.0	480.3
5°	472.1	472.1	470.6	469.1	467.7	466.2	469.4	472.3	475.5	478.4	478.2
7.5°	375.9	375.0	383.9	392.5	401.3	410.0	412.3	414.6	416.7	419.0	418.4
10°	326.6	338.2	342.0	345.8	349.5	353.3	358.0	362.6	367.2	371.9	373.6
12.5°	286.0	293.1	305.3	317.3	329.5	341.5	347.7	354.0	360.1	366.2	378.2
15°	235.6	242.8	253.3	263.8	274.4	284.9	294.6	304.5	314.2	323.9	338.4
17.5°	165.7	171.8	179.8	187.8	195.6	203.6	218.6	233.5	248.5	263.4	278.8
20°	113.7	115.0	118.8	122.8	126.6	130.3	143.8	157.5	171.0	184.5	204.7
22.5°	92.7	93.3	95.2	97.1	98.8	100.7	107.6	114.8	121.7	128.7	145.1
25°	82.1	82.1	83.4	84.6	85.9	87.2	91.0	94.8	98.3	102.1	112.7
27.5°	72.9	71.8	73.7	75.6	77.5	79.4	82.1	85.1	87.8	90.5	97.7
30°	69.7	68.6	71.0	73.3	75.6	77.9	80.6	83.4	85.9	88.6	93.5
32.5°	73.9	74.1	75.0	75.8	76.4	77.3	78.5	80.0	81.3	82.5	86.8
35°	58.7	58.7	60.2	61.7	63.0	64.4	66.8	69.1	71.4	73.7	78.1
37.5°	57.1	57.5	58.7	60.2	61.5	62.7	65.7	68.9	71.8	74.8	78.3
40°	55.4	55.8	57.5	59.2	60.9	62.5	65.5	68.2	71.2	73.9	77.3
42.5°	54.7	55.2	57.3	59.6	61.7	63.8	66.3	68.9	71.2	73.7	78.3
45°	53.9	54.7	57.3	60.0	62.5	65.1	67.4	69.7	72.0	74.3	80.0
47.5°	52.6	53.7	56.6	59.4	62.3	65.1	69.5	74.1	78.5	83.0	85.7
50°	51.8	52.9	56.0	59.2	62.3	65.5	72.6	79.8	86.8	93.9	92.4
52.5°	49.7	51.0	55.0	59.0	63.0	67.0	73.3	79.6	85.9	92.2	89.3
55°	45.7	46.7	51.4	56.0	60.4	65.1	69.7	74.3	78.8	83.4	80.0
57.5°	41.7	43.0	47.4	51.8	56.0	60.4	62.7	65.1	67.4	69.7	68.4
60°	37.9	39.2	45.1	51.0	56.9	62.7	60.6	58.5	56.2	54.1	55.6
62.5°	34.3	35.6	41.3	46.7	52.4	57.9	55.0	52.0	49.1	46.1	48.4
65°	30.3	31.6	33.7	36.0	38.1	40.2	40.0	39.6	39.4	39.0	41.5
67.5°	26.1	27.2	28.2	29.5	30.5	31.6	32.2	33.1	33.7	34.3	36.4
70°	22.7	23.8	25.1	26.1	27.4	28.4	28.8	29.3	29.5	29.9	31.8
72.5°	19.0	19.8	21.5	23.2	24.6	26.3	26.5	26.5	26.7	26.7	28.2
75°	16.4	17.1	18.3	19.6	20.6	21.9	22.5	23.2	23.6	24.2	25.1
77.5°	14.5	15.4	15.8	16.0	16.4	16.6	17.1	17.5	17.9	18.3	18.5
80°	10.7	11.8	12.2	12.4	12.8	13.1	13.1	12.8	12.8	12.6	12.8
82.5°	3.4	3.8	4.4	5.1	5.7	6.3	6.5	6.7	6.7	6.9	6.7
85°	0.6	0.8	1.3	1.7	1.9	2.3	2.1	1.7	1.5	1.1	0.8
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: P366787
 CATALOG NUMBER: MSA-SA1B-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: P366787
 CATALOG NUMBER: MSA-SA1B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1
2.5°	486.6	492.7	499.1	496.5	494.0	491.5	488.9	489.4	490.0	490.4	490.8
5°	478.0	477.6	477.4	484.5	491.9	499.1	506.2	514.0	522.0	529.8	537.6
7.5°	417.8	416.9	416.3	425.6	434.8	444.1	453.4	464.1	475.0	485.8	496.5
10°	375.2	376.9	378.6	382.4	386.4	390.2	394.0	404.3	414.6	424.7	435.0
12.5°	390.2	402.0	414.0	416.3	418.4	420.7	422.8	424.3	425.8	427.2	428.7
15°	353.1	367.7	382.2	388.3	394.2	400.3	406.2	421.8	437.1	452.7	468.1
17.5°	294.2	309.3	324.7	343.0	361.3	379.7	398.0	414.8	431.7	448.5	465.4
20°	225.1	245.3	265.5	288.7	312.1	335.2	358.4	375.2	391.9	408.7	425.4
22.5°	161.7	178.1	194.6	222.6	250.4	278.4	306.2	335.4	364.9	394.2	423.5
25°	123.2	133.5	144.0	171.6	199.2	226.6	254.2	294.4	334.6	374.8	415.0
27.5°	104.7	111.8	118.8	143.6	168.5	193.1	217.9	265.7	313.5	361.3	409.1
30°	98.5	103.4	108.2	129.3	150.6	171.6	192.7	241.1	289.5	338.0	386.4
32.5°	91.0	95.0	99.2	117.7	136.2	154.6	173.1	220.5	267.8	315.0	362.4
35°	82.3	86.8	91.0	109.5	128.0	146.3	164.9	213.9	263.0	312.1	361.1
37.5°	81.7	85.3	88.6	110.1	131.8	153.3	174.8	223.8	272.9	321.8	370.8
40°	80.9	84.2	87.6	109.5	131.2	153.1	174.8	226.2	277.5	328.9	380.3
42.5°	83.0	87.4	92.0	111.4	130.8	149.9	169.3	223.4	277.5	331.4	385.6
45°	85.9	91.6	97.3	115.0	132.7	150.3	168.0	226.8	285.5	344.1	402.8
47.5°	88.6	91.4	94.1	111.0	127.6	144.5	161.1	221.1	281.1	341.1	401.1
50°	91.2	89.7	88.2	106.8	125.3	143.6	162.1	219.4	276.5	333.8	390.8
52.5°	86.1	83.2	80.0	99.8	119.6	139.2	159.0	216.7	274.4	332.1	389.8
55°	76.6	73.3	69.9	89.5	108.9	128.4	147.8	205.3	262.8	320.3	377.8
57.5°	67.0	65.7	64.2	79.2	94.1	108.9	123.8	187.6	251.6	315.4	379.2
60°	57.1	58.3	59.8	70.5	81.3	91.8	102.5	165.1	227.4	290.0	352.3
62.5°	50.5	52.9	55.0	64.0	73.3	82.3	91.4	150.3	209.3	268.3	327.2
65°	44.2	46.7	49.3	60.0	71.0	81.7	92.4	142.3	192.3	242.2	292.1
67.5°	38.5	40.4	42.5	56.6	70.8	84.9	99.0	139.8	180.5	221.3	261.9
70°	33.7	35.4	37.3	53.7	70.1	86.5	103.0	137.7	172.7	207.4	242.2
72.5°	29.7	31.2	32.6	49.3	65.9	82.5	99.2	130.1	160.9	191.8	222.6
75°	25.9	26.5	27.4	41.5	55.4	69.5	83.4	104.0	124.9	145.5	166.1
77.5°	18.7	18.7	19.0	23.2	27.2	31.4	35.4	48.2	61.1	73.7	86.5
80°	12.8	13.1	13.1	14.7	16.2	17.9	19.4	22.1	24.6	27.4	29.9
82.5°	6.5	6.1	5.9	7.6	9.3	10.9	12.6	13.3	13.7	14.3	14.7
85°	0.6	0.2	0.0	1.1	2.1	3.2	4.2	5.1	5.9	6.7	7.6
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



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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: P366787

CATALOG NUMBER: MSA-SA1B-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°	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1
2.5°	489.2	487.5	485.8	484.1	494.4	504.9	515.3	525.6	554.9	574.0	571.9
5°	545.2	552.7	560.3	567.9	580.1	592.5	604.8	617.0	660.3	686.9	690.7
7.5°	508.3	519.9	531.7	543.3	566.9	590.2	613.8	637.2	672.8	700.4	715.9
10°	448.3	461.6	474.6	487.9	514.4	541.2	567.7	594.2	634.2	672.3	691.9
12.5°	449.6	470.4	491.3	512.1	535.3	558.4	581.4	604.5	629.0	641.8	669.4
15°	484.5	500.9	517.4	533.8	564.1	594.4	624.5	654.9	669.4	700.4	732.6
17.5°	497.4	529.6	561.6	593.6	631.5	669.2	707.1	744.8	772.2	815.1	848.4
20°	473.6	521.8	569.8	618.0	670.0	722.0	774.1	826.1	856.0	896.8	948.2
22.5°	474.6	525.8	576.8	627.9	699.7	771.3	843.1	914.7	994.9	1073.7	1098.8
25°	482.0	549.0	615.7	682.7	765.6	848.6	931.6	1014.5	1111.4	1194.1	1227.4
27.5°	484.5	559.9	635.1	710.5	828.4	946.3	1064.2	1182.1	1297.7	1391.2	1426.8
30°	478.4	570.6	662.7	754.7	899.3	1044.0	1188.7	1333.3	1443.0	1551.9	1596.1
32.5°	479.9	597.4	714.9	832.4	1002.7	1173.3	1343.6	1514.0	1584.1	1682.2	1760.2
35°	490.0	618.9	747.5	876.4	1064.9	1253.3	1441.8	1630.2	1745.2	1848.8	1914.9
37.5°	513.6	656.3	798.9	941.7	1173.3	1405.1	1636.8	1868.4	2046.3	2224.2	2254.6
40°	531.1	681.8	832.6	983.4	1252.3	1521.2	1790.1	2059.0	2260.3	2453.3	2474.0
42.5°	550.9	715.9	881.2	1046.3	1347.0	1647.7	1948.4	2249.1	2482.2	2679.1	2692.8
45°	572.5	742.5	912.2	1081.9	1396.9	1711.7	2026.7	2341.5	2613.8	2842.5	2790.9
47.5°	582.9	764.6	946.3	1128.0	1465.8	1803.3	2141.1	2478.6	2722.9	2924.6	2864.4
50°	590.9	790.7	990.7	1190.6	1544.7	1898.9	2253.1	2607.3	2852.2	3038.3	2944.0
52.5°	613.4	836.8	1060.4	1283.8	1660.6	2037.1	2413.8	2790.3	3027.1	3198.1	3065.9
55°	635.3	892.6	1150.1	1407.4	1812.6	2217.9	2623.1	3028.2	3264.0	3410.6	3231.0
57.5°	662.9	946.7	1230.4	1514.0	1947.3	2380.7	2813.8	3247.2	3477.8	3639.7	3453.1
60°	655.7	958.9	1262.4	1565.6	2006.9	2448.3	2889.6	3331.0	3605.0	3803.9	3677.4
62.5°	627.9	928.6	1229.1	1529.8	1963.4	2396.7	2830.3	3263.6	3591.9	3861.4	3818.9
65°	571.7	851.1	1130.8	1410.2	1824.2	2238.4	2652.3	3066.3	3471.5	3814.5	3829.6
67.5°	497.8	733.6	969.3	1205.1	1591.3	1977.5	2363.4	2749.6	3227.8	3627.9	3673.0
70°	419.5	596.5	773.8	950.9	1290.8	1630.7	1970.3	2310.2	2807.3	3209.9	3295.0
72.5°	336.3	450.2	563.9	677.6	922.9	1168.0	1413.3	1658.4	2095.8	2408.3	2556.7
75°	217.9	269.7	321.5	373.3	536.7	699.9	863.3	1026.5	1316.9	1547.1	1714.9
77.5°	97.1	107.6	117.9	128.4	254.6	380.7	506.8	633.0	759.1	898.1	937.5
80°	34.7	39.4	44.2	48.9	110.8	172.9	234.8	296.7	357.8	429.6	447.0
82.5°	14.5	14.5	14.3	14.1	36.2	58.3	80.4	102.5	118.6	136.2	139.6
85°	5.9	4.4	2.7	1.1	4.6	8.4	12.0	15.6	25.1	22.7	42.1
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: P366787
 CATALOG NUMBER: MSA-SA1B-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: P366787

CATALOG NUMBER: MSA-SA1B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1
2.5°	563.9	563.5	563.1	562.6	562.2	554.6	547.3	539.7	532.3	541.6	550.9
5°	684.6	695.5	706.5	717.6	728.6	731.7	734.9	738.0	741.2	747.9	754.7
7.5°	729.0	747.5	765.8	784.4	802.7	819.7	836.6	853.6	870.7	866.5	862.3
10°	713.6	747.1	780.6	814.3	847.8	855.1	862.5	870.1	877.4	896.6	915.8
12.5°	697.0	737.2	777.4	817.6	857.9	880.2	902.3	924.6	946.9	966.3	985.7
15°	775.9	801.6	827.3	853.2	878.9	898.5	917.9	937.5	956.8	970.3	983.6
17.5°	879.8	892.4	905.0	917.9	930.5	945.9	961.3	976.6	992.0	1000.0	1008.0
20°	989.5	994.9	1000.4	1005.9	1011.4	999.2	986.9	974.7	962.5	970.1	977.5
22.5°	1099.6	1101.5	1103.6	1105.5	1107.4	1079.0	1050.5	1022.1	993.7	981.7	969.7
25°	1269.1	1255.2	1241.3	1227.4	1213.5	1179.8	1146.1	1112.4	1078.7	1049.1	1019.4
27.5°	1452.7	1405.6	1358.6	1311.4	1264.5	1230.8	1197.1	1163.4	1129.7	1085.1	1040.4
30°	1637.8	1561.8	1486.0	1410.0	1334.2	1294.2	1254.2	1213.9	1173.9	1129.3	1084.9
32.5°	1807.5	1716.1	1624.8	1533.2	1441.8	1374.4	1307.0	1239.6	1172.2	1141.1	1109.9
35°	1948.2	1840.2	1732.1	1623.9	1515.9	1449.1	1382.4	1315.6	1248.9	1202.6	1156.4
37.5°	2188.7	2067.2	1945.7	1824.2	1702.7	1611.5	1520.5	1429.3	1338.2	1307.2	1276.3
40°	2410.4	2257.3	2104.2	1951.1	1798.1	1721.6	1645.4	1569.0	1492.7	1442.0	1391.4
42.5°	2586.6	2425.3	2264.3	2103.0	1941.7	1866.1	1790.7	1715.1	1639.5	1605.6	1571.9
45°	2624.8	2472.7	2320.9	2168.9	2016.8	1972.8	1929.0	1885.0	1841.2	1817.8	1794.7
47.5°	2699.9	2535.0	2370.4	2205.5	2040.6	2020.8	2001.0	1981.0	1961.2	1972.4	1983.6
50°	2742.0	2573.8	2405.5	2237.3	2069.1	2074.7	2080.2	2085.9	2091.6	2170.8	2249.7
52.5°	2823.7	2653.8	2483.9	2314.0	2144.0	2179.8	2215.4	2251.2	2286.8	2395.9	2504.7
55°	2969.7	2802.7	2635.7	2468.5	2301.5	2348.7	2395.9	2443.2	2490.4	2606.2	2721.8
57.5°	3185.9	3020.2	2854.7	2689.0	2523.5	2570.4	2617.4	2664.3	2711.3	2815.9	2920.4
60°	3458.2	3288.0	3118.1	2948.0	2778.0	2795.7	2813.2	2830.9	2848.6	2961.0	3073.3
62.5°	3670.2	3513.8	3357.5	3201.1	3044.8	3025.3	3005.9	2986.3	2966.9	3052.4	3137.7
65°	3719.5	3609.4	3499.5	3389.3	3279.2	3219.0	3159.0	3098.7	3038.5	3073.1	3107.6
67.5°	3578.4	3504.1	3430.0	3355.6	3281.3	3155.6	3029.9	2904.0	2778.3	2759.9	2741.6
70°	3251.0	3210.3	3169.9	3129.3	3088.8	2895.1	2701.6	2507.9	2314.4	2267.8	2221.3
72.5°	2565.4	2590.6	2615.9	2641.4	2666.7	2459.2	2252.0	2044.6	1837.2	1778.3	1719.5
75°	1809.0	1894.7	1980.4	2066.1	2151.8	1962.7	1773.8	1584.7	1395.7	1339.0	1282.6
77.5°	980.8	1141.5	1302.2	1462.8	1623.5	1467.5	1311.6	1155.6	999.6	960.2	921.0
80°	464.9	557.6	650.0	742.7	835.3	800.2	765.0	729.6	694.5	703.1	711.7
82.5°	142.6	209.5	276.5	343.4	410.4	415.7	420.7	426.0	431.2	444.3	457.1
85°	47.8	65.5	83.2	100.9	118.6	149.7	180.9	212.3	243.4	223.2	203.2
87.5°	0.0	0.6	1.1	1.7	2.1	6.5	10.9	15.4	19.8	17.1	14.5
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



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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: P366787

CATALOG NUMBER: MSA-SA1B-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°	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1
2.5°	560.3	569.6	569.8	570.2	570.4	570.6	571.7	572.7	574.0	575.1	568.1
5°	761.6	768.4	755.9	743.5	730.9	718.5	729.6	740.8	751.9	763.1	758.3
7.5°	857.9	853.6	852.2	850.9	849.4	848.2	852.4	856.6	860.8	865.0	864.6
10°	934.9	954.1	958.7	963.4	968.2	972.8	963.1	953.5	943.8	934.1	930.1
12.5°	1005.0	1024.4	1039.8	1055.2	1070.7	1086.1	1072.2	1058.5	1044.6	1030.9	1017.9
15°	997.0	1010.3	1022.9	1035.6	1048.2	1060.9	1056.2	1051.8	1047.2	1042.5	1040.4
17.5°	1016.2	1024.2	1021.3	1018.3	1015.2	1012.2	1010.7	1009.5	1008.0	1006.5	1001.5
20°	985.0	992.6	990.7	989.0	987.2	985.3	984.0	982.7	981.5	980.2	976.2
22.5°	957.7	945.7	942.5	939.6	936.4	933.5	933.9	934.3	934.5	934.9	953.0
25°	989.7	960.0	948.4	936.8	925.0	913.5	918.7	923.8	929.0	934.3	960.4
27.5°	995.6	950.9	932.4	913.9	895.3	876.8	895.8	914.7	933.7	952.6	994.9
30°	1040.2	995.8	969.9	944.2	918.3	892.6	916.8	941.0	965.3	989.5	1035.4
32.5°	1078.5	1047.4	1028.8	1010.3	991.8	973.3	974.3	975.1	976.2	977.3	1041.9
35°	1110.1	1064.0	1047.2	1030.5	1013.7	997.0	1022.1	1047.2	1072.2	1097.3	1155.4
37.5°	1245.3	1214.4	1183.4	1152.7	1121.7	1091.0	1111.0	1131.0	1151.2	1171.2	1235.4
40°	1340.7	1290.2	1282.2	1274.4	1266.4	1258.6	1268.9	1279.0	1289.3	1299.6	1355.9
42.5°	1538.0	1504.1	1482.4	1460.9	1439.2	1417.8	1426.0	1434.2	1442.6	1450.8	1504.1
45°	1771.3	1747.9	1733.6	1719.3	1704.8	1690.5	1678.0	1665.8	1653.4	1641.2	1695.3
47.5°	1994.7	2005.9	2037.5	2068.8	2100.4	2131.8	2106.1	2080.4	2054.5	2028.8	2029.0
50°	2328.9	2407.9	2423.9	2439.7	2455.7	2471.5	2416.7	2362.0	2307.0	2252.3	2245.7
52.5°	2613.8	2722.7	2728.4	2734.0	2739.9	2745.6	2723.5	2701.4	2679.1	2657.0	2598.2
55°	2837.6	2953.2	2961.0	2968.6	2976.4	2984.0	2964.6	2945.4	2926.1	2906.7	2847.3
57.5°	3025.0	3129.5	3134.1	3138.5	3143.2	3147.8	3149.3	3150.8	3152.4	3153.9	3073.7
60°	3185.7	3298.2	3288.9	3279.8	3270.6	3261.5	3247.6	3233.7	3219.8	3205.9	3154.1
62.5°	3223.2	3308.7	3294.4	3280.3	3265.9	3251.8	3240.0	3228.5	3216.7	3204.9	3171.8
65°	3142.1	3176.7	3161.9	3147.2	3132.2	3117.5	3109.9	3102.5	3095.0	3087.4	3083.2
67.5°	2723.1	2704.8	2722.2	2739.7	2757.2	2774.7	2798.5	2822.3	2846.3	2870.1	2856.2
70°	2174.6	2128.0	2147.4	2166.6	2185.9	2205.1	2241.1	2277.1	2313.3	2349.3	2339.6
72.5°	1660.6	1601.6	1604.3	1607.1	1610.0	1612.8	1611.7	1610.9	1609.8	1608.8	1625.6
75°	1225.9	1169.3	1142.6	1115.8	1089.1	1062.3	1055.8	1049.3	1042.7	1036.2	1067.6
77.5°	881.7	842.5	824.2	806.1	787.7	769.6	778.9	788.2	797.6	806.9	817.9
80°	720.6	729.2	715.1	701.2	687.1	673.0	683.5	693.8	704.4	714.9	682.2
82.5°	470.2	483.0	439.7	396.3	352.9	309.5	335.9	362.2	388.7	415.0	401.6
85°	183.0	163.0	139.0	115.2	91.2	67.2	87.4	107.6	127.8	148.0	161.5
87.5°	11.8	9.3	7.4	5.5	3.4	1.5	3.2	4.8	6.7	8.4	14.1
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: P366787
 CATALOG NUMBER: MSA-SA1B-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: P366787

CATALOG NUMBER: MSA-SA1B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1	445.1
2.5°	561.4	554.4	547.7	534.4	521.2	507.9	494.6	513.2	531.7	550.2	568.7
5°	753.6	748.8	744.2	745.4	746.7	748.2	749.4	752.2	754.9	757.4	760.2
7.5°	864.4	864.0	863.5	853.9	844.2	834.3	824.6	829.4	834.3	839.1	844.0
10°	926.3	922.3	918.3	897.0	875.8	854.3	833.0	823.7	814.3	805.0	795.7
12.5°	1004.8	991.6	978.5	955.8	933.2	910.5	887.8	879.3	870.7	862.3	853.6
15°	1038.5	1036.4	1034.5	1018.3	1001.9	985.7	969.3	940.4	911.3	882.5	853.6
17.5°	996.4	991.2	986.1	1011.8	1037.3	1063.0	1088.6	1058.7	1028.8	998.9	969.0
20°	972.2	968.2	964.2	1012.0	1059.6	1107.4	1155.0	1141.7	1128.2	1115.0	1101.7
22.5°	971.1	989.5	1007.6	1049.5	1091.2	1133.1	1174.8	1197.7	1220.9	1243.8	1266.8
25°	986.5	1012.8	1039.0	1108.4	1177.9	1247.6	1317.1	1343.4	1369.5	1395.9	1422.0
27.5°	1037.1	1079.4	1121.5	1182.1	1242.8	1303.6	1364.3	1421.8	1479.5	1536.9	1594.4
30°	1081.1	1127.0	1172.9	1245.1	1317.1	1389.3	1461.4	1533.4	1605.4	1677.4	1749.4
32.5°	1106.5	1171.4	1236.0	1323.9	1411.4	1499.3	1587.1	1666.0	1745.0	1823.7	1902.7
35°	1213.5	1271.8	1330.0	1427.0	1524.1	1621.4	1718.5	1816.2	1913.9	2011.4	2109.1
37.5°	1299.6	1364.1	1428.3	1534.4	1640.3	1746.5	1852.6	1987.6	2122.8	2257.7	2392.7
40°	1412.1	1468.3	1524.5	1623.9	1723.1	1822.5	1921.9	2093.1	2264.3	2435.2	2606.4
42.5°	1557.2	1610.4	1663.7	1770.0	1876.4	1982.7	2089.1	2278.6	2468.1	2657.4	2846.9
45°	1749.4	1803.7	1857.9	1942.5	2027.2	2111.8	2196.5	2398.0	2599.3	2800.8	3002.1
47.5°	2029.3	2029.5	2029.7	2090.7	2151.8	2213.1	2274.2	2477.1	2679.9	2882.9	3085.7
50°	2239.2	2232.5	2225.9	2257.5	2288.9	2320.5	2352.1	2538.8	2725.8	2912.6	3099.4
52.5°	2539.7	2480.9	2422.4	2441.1	2459.7	2478.4	2496.9	2655.1	2813.4	2971.6	3129.7
55°	2788.2	2728.8	2669.4	2662.4	2655.5	2648.5	2641.6	2787.1	2932.6	3078.1	3223.6
57.5°	2993.7	2913.4	2833.4	2817.4	2801.6	2785.6	2769.6	2923.1	3076.4	3229.9	3383.2
60°	3102.5	3050.7	2998.9	2988.6	2978.1	2967.8	2957.2	3083.2	3209.1	3335.0	3460.9
62.5°	3139.0	3105.9	3073.1	3092.4	3111.8	3131.4	3150.8	3206.1	3261.3	3316.7	3371.9
65°	3079.2	3074.9	3070.7	3110.5	3150.1	3189.9	3229.7	3216.0	3202.1	3188.4	3174.8
67.5°	2842.5	2828.6	2814.9	2902.3	2989.5	3076.8	3164.2	3097.9	3031.4	2965.0	2898.7
70°	2330.0	2320.1	2310.4	2436.3	2562.2	2688.3	2814.3	2733.8	2653.4	2573.0	2492.5
72.5°	1642.2	1659.1	1675.9	1824.4	1972.6	2121.1	2269.3	2188.2	2107.2	2026.1	1945.0
75°	1098.8	1130.1	1161.5	1314.4	1467.2	1620.3	1773.2	1678.0	1582.9	1487.7	1392.5
77.5°	828.8	839.8	850.7	947.4	1044.0	1140.9	1237.5	1159.0	1080.2	1001.7	922.9
80°	649.6	616.8	584.1	615.9	647.7	679.5	711.3	664.3	617.4	570.6	523.7
82.5°	388.1	374.6	361.1	378.4	395.4	412.7	430.0	409.8	389.3	369.1	348.7
85°	174.8	188.2	201.5	219.0	236.3	253.7	271.2	243.0	214.8	186.6	158.3
87.5°	19.6	25.3	31.0	38.3	45.7	53.1	60.4	47.2	33.7	20.4	7.2
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



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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



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	445.1	445.1
2.5°	579.5	590.2
5°	759.9	759.5
7.5°	831.3	818.5
10°	784.0	772.2
12.5°	823.5	793.4
15°	830.9	808.2
17.5°	932.0	894.7
20°	1053.9	1005.9
22.5°	1201.1	1135.2
25°	1343.6	1265.3
27.5°	1547.5	1500.3
30°	1701.8	1654.0
32.5°	1870.3	1837.9
35°	2076.8	2044.4
37.5°	2401.1	2409.3
40°	2611.5	2616.5
42.5°	2866.5	2886.1
45°	3024.0	3045.9
47.5°	3116.2	3146.8
50°	3148.6	3197.9
52.5°	3190.6	3251.2
55°	3291.2	3358.8
57.5°	3437.1	3491.0
60°	3463.5	3466.0
62.5°	3332.9	3293.9
65°	3133.3	3091.8
67.5°	2873.6	2848.4
70°	2459.2	2426.0
72.5°	1883.1	1821.2
75°	1315.8	1239.2
77.5°	882.7	842.5
80°	525.0	526.0
82.5°	358.4	367.9
85°	156.5	154.3
87.5°	5.1	2.7
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



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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)