

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: P366810

Luminaire Tested: **MSA-SA1B-750-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P366810
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA1B-750-U-SLR
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS
EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4338 lumens
Efficiency: N/A
Efficacy: 98.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

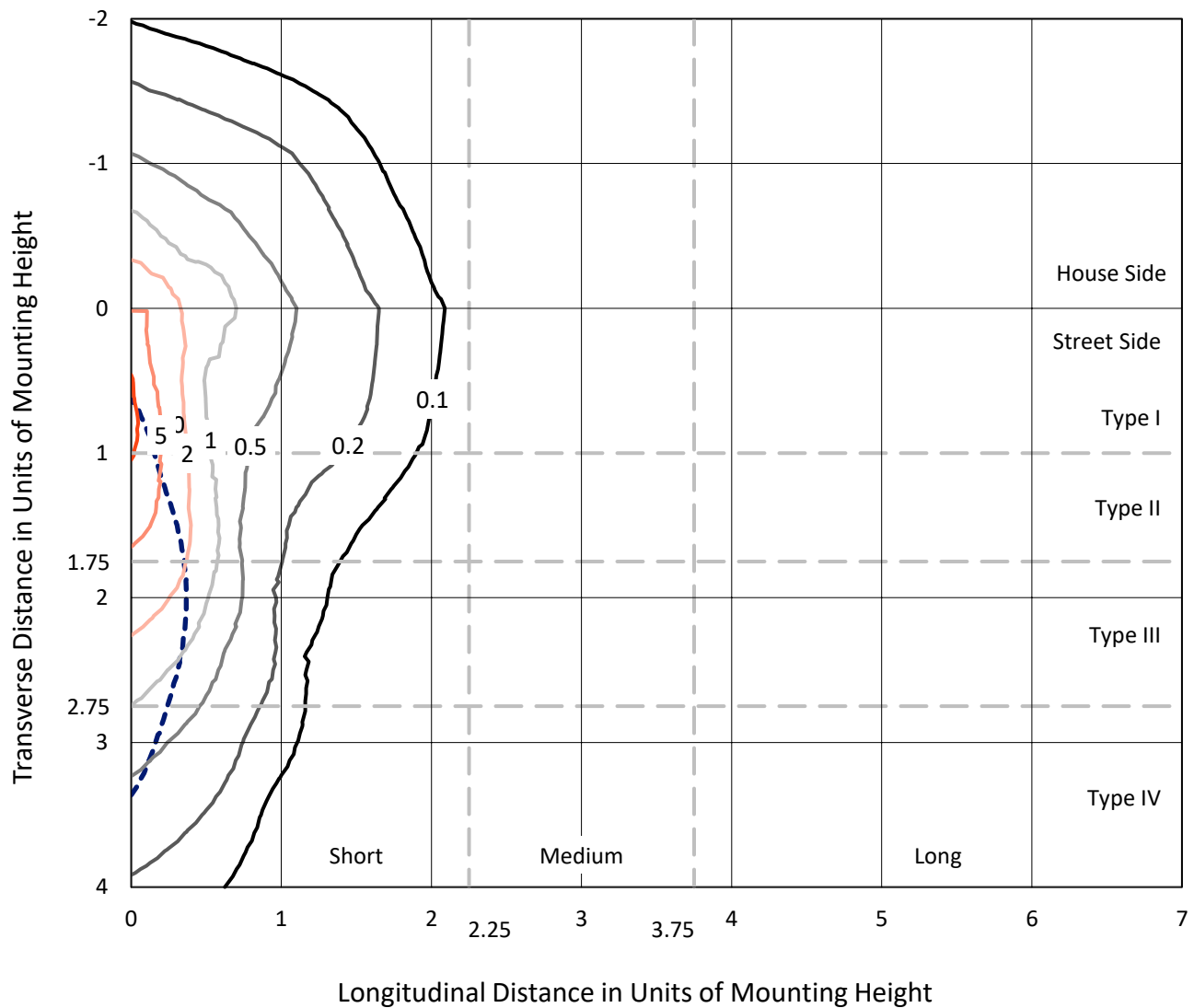
Input Watts (W): 44
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

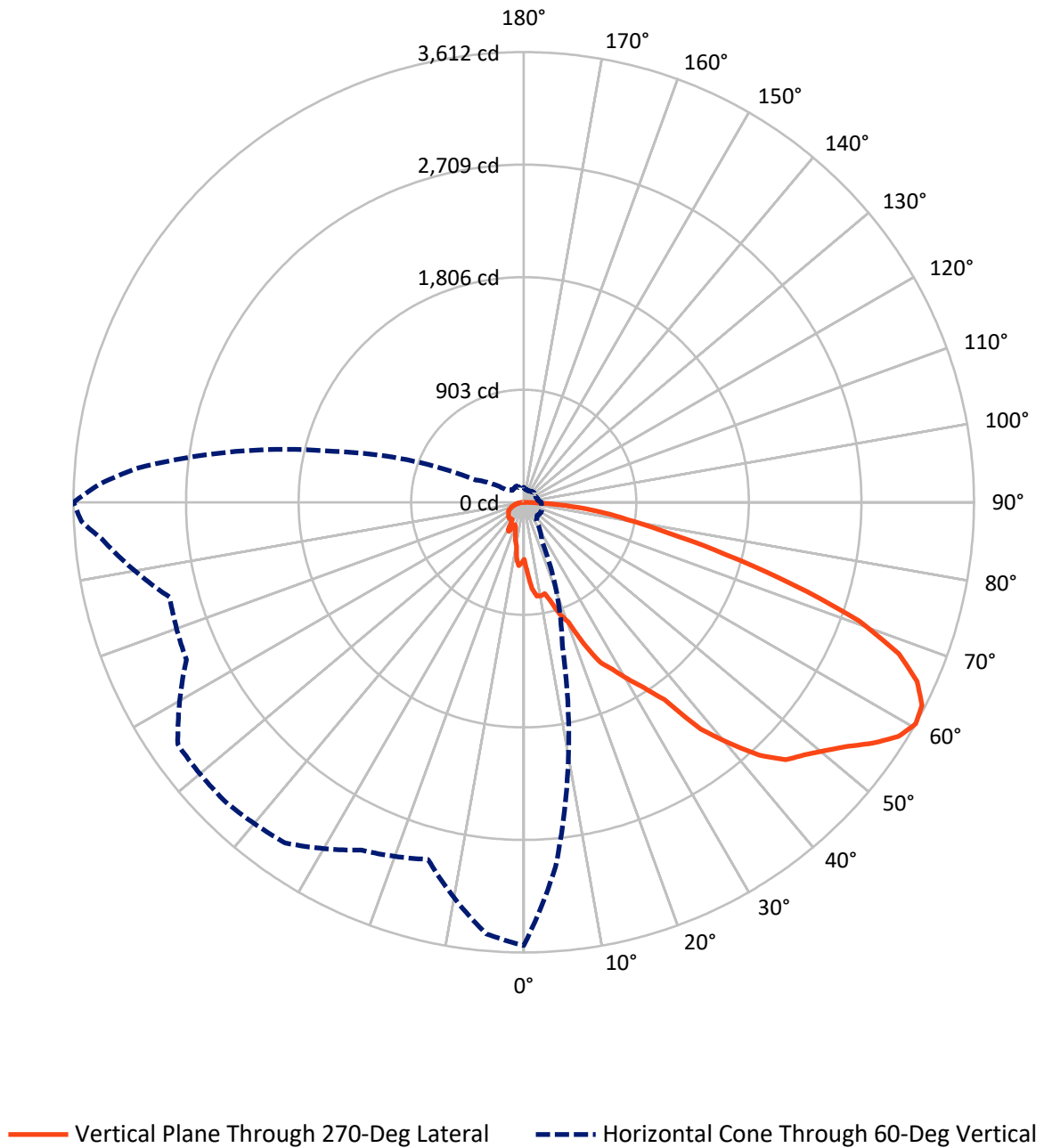
× Max cd
 --- 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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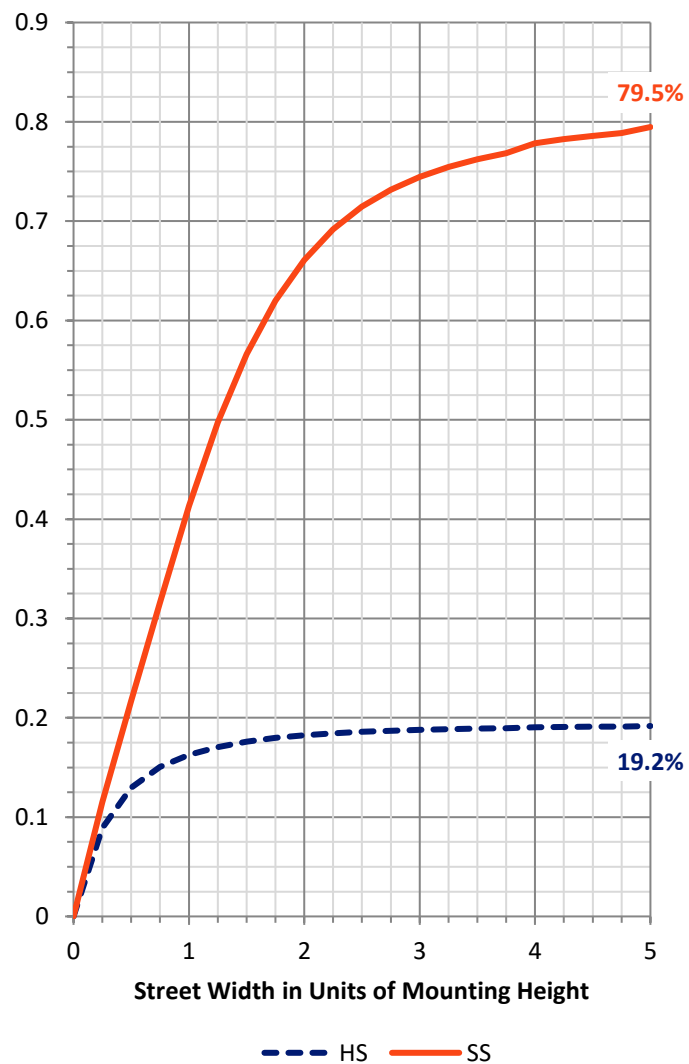
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	840.2	0.0	840.2
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	3497.8	0.0	3497.8
	% Fixture	80.6	0.0	80.6
Total	Lumens	4338.0	0.0	4338.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.5	1.2
10°-20°	152.4	3.5
20°-30°	269.1	6.2
30°-40°	419.1	9.7
40°-50°	690.0	15.9
50°-60°	984.8	22.7
60°-70°	1044.2	24.1
70°-80°	576.8	13.3
80°-90°	149.2	3.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4338.0	100.0
0°-180°	4338.0	100.0

Coefficient of Utilization



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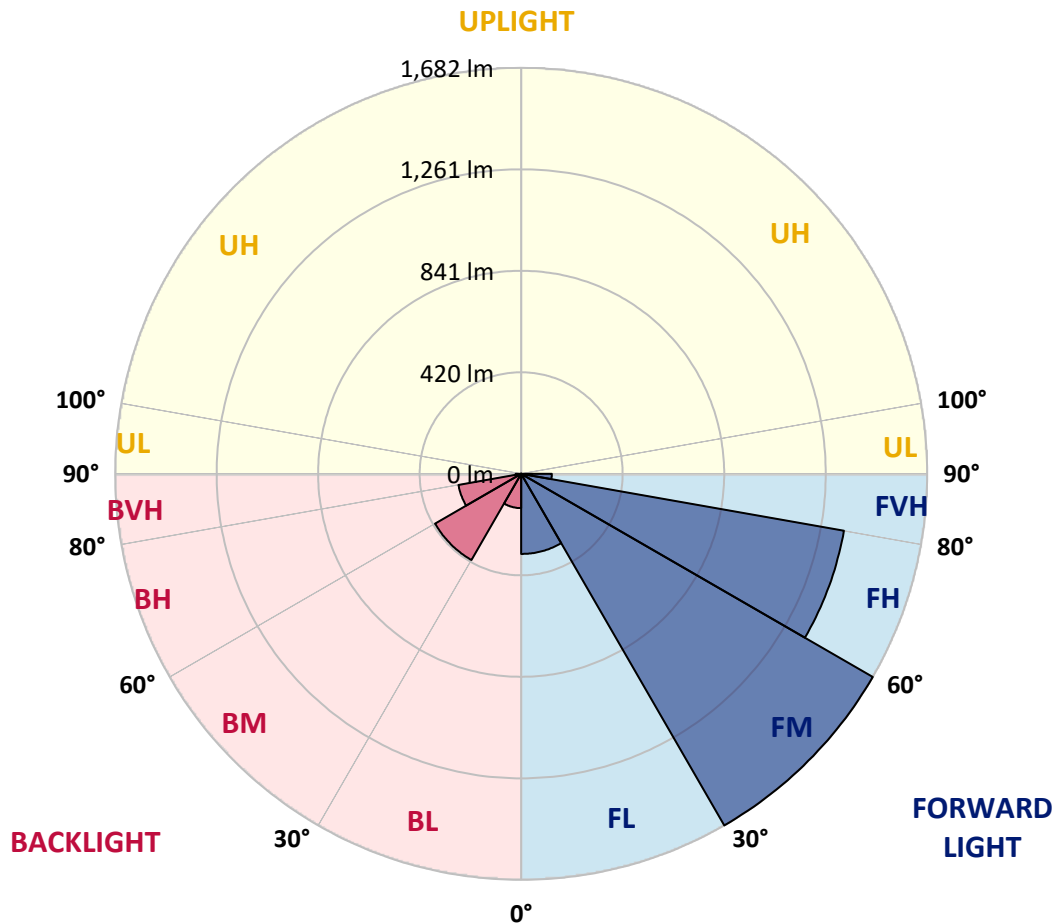
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	331.9	7.7			
FM	(30°-60°)	1681.7	38.8			
FH	(60°-80°)	1357.4	31.3			G1/1800
FVH	(80°-90°)	126.8	2.9			G2/225
BL	(0°-30°)	142.0	3.3	B1/500		
BM	(30°-60°)	412.1	9.5	B1/1000		
BH	(60°-80°)	263.6	6.1	B1/500		G1/500
BVH	(80°-90°)	22.4	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

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°	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
2.5°	612.7	616.5	620.1	612.9	605.8	598.4	591.3	580.5	569.6	558.8	547.9
5°	735.9	722.0	707.9	702.2	696.7	691.1	685.4	680.1	674.8	669.4	664.1
7.5°	774.4	754.6	734.6	726.2	717.8	709.2	700.7	681.8	662.8	643.7	624.7
10°	732.1	711.5	690.6	682.4	674.0	665.8	657.4	634.2	611.3	588.1	564.9
12.5°	766.2	745.2	723.9	697.8	671.7	645.4	619.3	606.4	593.6	580.5	567.7
15°	799.1	770.6	742.0	715.9	689.8	663.5	637.4	611.7	586.0	560.3	534.6
17.5°	919.1	871.7	824.3	777.2	729.8	682.6	635.3	605.6	575.7	546.0	516.1
20°	1065.4	999.5	933.4	861.8	790.0	718.4	646.6	609.1	571.9	534.4	496.9
22.5°	1239.6	1156.4	1073.2	982.9	892.6	802.0	711.7	657.4	603.0	548.5	494.2
25°	1377.9	1297.9	1217.9	1103.3	988.8	874.2	759.7	698.0	636.3	574.4	512.7
27.5°	1512.2	1384.9	1257.3	1126.1	995.1	863.9	732.7	675.7	618.6	561.6	504.5
30°	1625.7	1524.7	1423.6	1252.4	1081.2	909.8	738.6	668.5	598.4	528.3	458.2
32.5°	1791.9	1647.6	1503.2	1324.6	1146.1	967.5	789.0	699.3	609.6	519.9	430.2
35°	1986.2	1836.3	1686.4	1465.5	1244.8	1024.0	803.1	708.1	612.9	518.0	422.8
37.5°	2348.6	2084.3	1819.9	1578.8	1337.7	1096.4	855.3	745.0	634.6	524.1	413.7
40°	2548.4	2304.2	2059.9	1759.4	1459.0	1158.3	857.8	745.0	631.9	519.0	406.0
42.5°	2814.8	2505.9	2196.8	1871.9	1547.2	1222.3	897.4	772.3	647.3	522.0	396.9
45°	2977.1	2632.8	2288.4	1941.1	1593.9	1246.7	899.5	772.5	645.6	518.6	391.6
47.5°	3081.7	2751.2	2420.4	2046.6	1672.9	1298.9	925.2	790.4	655.5	520.7	385.7
50°	3180.9	2853.5	2525.9	2137.8	1750.0	1361.9	973.8	826.7	679.5	532.1	384.9
52.5°	3302.6	3001.1	2699.4	2283.1	1866.6	1450.3	1033.8	873.6	713.4	553.1	392.9
55°	3479.7	3182.6	2885.3	2438.5	1991.5	1544.7	1097.6	919.7	742.0	564.1	386.2
57.5°	3594.5	3293.2	2991.8	2536.2	2080.5	1624.7	1169.0	971.9	774.9	577.6	380.5
60°	3556.4	3245.6	2934.6	2500.2	2065.8	1631.4	1197.0	984.2	771.5	558.6	345.7
62.5°	3387.9	3057.5	2727.2	2338.1	1949.1	1560.0	1170.9	954.5	738.2	521.8	305.3
65°	3152.5	2811.0	2469.2	2118.2	1767.2	1416.2	1065.2	868.8	672.1	475.7	279.0
67.5°	2863.6	2507.6	2151.3	1840.5	1529.7	1218.7	907.9	743.7	579.7	415.4	251.2
70°	2501.2	2151.3	1801.3	1532.5	1263.6	994.7	725.8	602.2	478.8	355.2	231.6
72.5°	2010.4	1708.5	1406.5	1194.9	983.3	771.7	560.1	474.2	388.5	302.6	216.7
75°	1429.9	1252.4	1074.9	910.2	745.6	580.7	416.1	360.5	304.9	249.3	193.7
77.5°	1016.2	911.5	806.9	677.8	548.7	419.6	290.6	257.9	225.5	192.9	160.2
80°	751.3	663.9	576.5	479.2	382.0	284.7	187.4	171.4	155.6	139.6	123.6
82.5°	494.6	455.2	415.6	338.6	261.5	184.5	107.4	101.5	95.6	89.7	83.8
85°	221.5	233.9	246.1	199.0	151.6	104.4	57.1	54.3	51.6	48.8	46.1
87.5°	21.3	31.4	41.5	35.6	29.5	23.6	17.5	17.3	17.3	17.1	16.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
2.5°	550.8	553.8	556.7	559.7	556.5	553.4	550.0	546.8	542.8	538.8	534.6
5°	655.3	646.2	637.4	628.3	614.8	601.4	587.7	574.2	572.5	570.6	568.9
7.5°	608.1	591.7	575.0	558.4	537.3	516.5	495.4	474.4	468.1	461.8	455.4
10°	553.8	542.4	531.2	519.9	506.8	493.8	480.5	467.4	450.2	432.7	415.4
12.5°	549.1	530.6	511.9	493.3	485.3	477.3	469.3	461.3	446.2	431.0	415.6
15°	519.7	504.5	489.6	474.4	462.8	451.2	439.6	428.1	415.9	403.4	391.2
17.5°	498.8	481.5	464.3	447.0	433.8	420.5	407.0	393.7	379.0	364.1	349.3
20°	477.1	457.5	437.8	418.0	401.1	384.5	367.6	350.8	334.6	318.6	302.4
22.5°	468.3	442.4	416.5	390.6	372.9	355.0	337.3	319.4	304.5	289.5	274.6
25°	481.8	451.0	420.1	389.1	365.3	341.3	317.5	293.5	281.1	268.7	256.0
27.5°	466.0	427.2	388.7	349.9	324.5	298.8	273.3	247.6	245.7	243.8	241.7
30°	417.5	376.9	336.3	295.6	272.3	248.7	225.3	201.7	197.3	192.7	188.2
32.5°	388.7	347.2	305.7	264.3	243.4	222.4	201.5	180.4	175.4	170.3	165.3
35°	377.7	332.7	287.6	242.6	224.7	206.8	188.9	171.0	167.4	164.0	160.4
37.5°	368.9	324.3	279.4	234.6	217.3	200.0	182.6	165.3	162.6	159.8	157.1
40°	360.5	315.2	269.7	224.2	208.9	193.7	178.3	163.0	161.3	159.6	157.7
42.5°	352.9	308.9	264.7	220.7	207.0	193.5	179.8	166.1	164.4	162.8	161.1
45°	348.7	305.7	262.8	219.8	209.9	200.0	189.9	180.0	176.0	172.0	167.8
47.5°	345.5	305.3	265.1	224.9	214.6	204.2	193.9	183.6	180.0	176.4	172.7
50°	346.2	307.6	268.9	230.1	217.7	205.1	192.7	180.0	179.6	179.2	178.8
52.5°	351.8	311.0	269.9	228.9	215.4	201.9	188.2	174.8	177.5	180.0	182.8
55°	343.6	301.1	258.4	215.8	203.0	190.3	177.5	164.7	168.2	171.6	175.2
57.5°	334.4	288.3	242.1	196.0	186.3	176.7	166.8	157.1	160.9	164.9	168.7
60°	303.6	261.5	219.4	177.3	170.8	164.2	157.7	151.2	152.9	154.6	156.2
62.5°	269.9	234.4	199.0	163.4	158.3	153.1	148.0	142.8	142.8	143.0	143.0
65°	248.5	217.9	187.4	156.9	151.2	145.5	139.6	133.9	133.1	132.2	131.4
67.5°	227.0	203.0	178.8	154.6	146.3	138.3	130.1	121.9	120.9	120.0	119.0
70°	210.1	188.7	167.2	145.7	136.4	127.4	118.1	108.9	108.0	107.4	106.5
72.5°	196.5	176.4	156.2	136.0	126.3	116.4	106.8	96.9	96.2	95.6	94.8
75°	175.8	158.1	140.2	122.3	112.9	103.6	94.1	84.6	83.8	83.2	82.3
77.5°	145.5	130.5	115.8	100.9	93.5	86.3	79.0	71.6	71.2	70.7	70.1
80°	112.0	100.4	88.6	77.1	72.2	67.2	62.3	57.3	57.1	56.9	56.4
82.5°	76.9	69.9	63.0	56.0	52.4	48.6	45.1	41.3	41.5	41.7	41.9
85°	43.8	41.3	39.0	36.4	33.5	30.7	27.8	24.8	25.5	26.1	26.5
87.5°	16.0	15.2	14.3	13.5	12.0	10.7	9.3	7.8	8.2	8.8	9.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
2.5°	530.6	524.3	518.0	511.7	505.3	492.3	479.4	466.4	453.3	461.3	469.5
5°	567.0	556.3	545.3	534.6	523.7	517.6	511.4	505.3	499.2	502.4	505.8
7.5°	449.1	442.8	436.3	430.0	423.4	420.7	418.2	415.4	412.7	420.5	428.3
10°	398.0	389.1	380.3	371.2	362.4	357.1	351.8	346.6	341.3	343.4	345.5
12.5°	400.5	387.4	374.4	361.3	348.3	340.5	332.7	324.9	317.1	319.0	320.9
15°	378.8	365.3	351.8	338.4	324.9	315.8	306.6	297.5	288.3	285.1	281.7
17.5°	334.4	319.6	304.9	290.2	275.4	269.3	263.2	257.1	251.0	247.6	244.2
20°	286.2	272.5	258.8	245.1	231.4	227.2	223.0	218.6	214.3	212.2	209.9
22.5°	259.6	251.2	242.6	234.1	225.5	220.7	216.0	211.2	206.3	204.0	201.5
25°	243.6	245.3	247.2	248.9	250.6	248.5	246.1	244.0	241.7	242.6	243.2
27.5°	239.8	243.4	247.2	250.8	254.4	256.3	258.1	260.0	261.9	262.6	263.2
30°	183.6	185.5	187.2	189.1	190.8	196.0	201.3	206.3	211.6	219.8	228.2
32.5°	160.2	159.6	159.0	158.1	157.5	158.8	160.0	161.1	162.3	165.3	168.4
35°	156.9	155.4	153.7	152.2	150.6	151.2	151.8	152.4	153.1	155.4	157.7
37.5°	154.3	153.7	153.3	152.7	152.0	153.5	154.8	156.2	157.5	159.4	161.3
40°	156.0	155.8	155.6	155.2	155.0	155.8	156.7	157.5	158.3	160.9	163.4
42.5°	159.4	159.4	159.2	159.2	159.0	159.8	160.4	161.3	161.9	163.4	164.9
45°	163.8	163.4	163.2	162.8	162.3	162.1	162.1	161.9	161.7	162.6	163.6
47.5°	169.1	167.6	165.9	164.4	162.8	162.3	161.7	161.3	160.7	161.1	161.5
50°	178.3	174.3	170.6	166.6	162.6	161.5	160.4	159.4	158.3	158.1	158.1
52.5°	185.3	179.4	173.5	167.6	161.7	159.8	157.9	156.0	154.1	153.7	153.5
55°	178.6	174.1	169.9	165.5	161.1	158.3	155.4	152.7	149.7	149.1	148.4
57.5°	172.4	169.7	167.0	164.2	161.5	158.8	155.8	153.1	150.1	148.7	147.2
60°	157.9	157.9	158.1	158.1	158.1	155.2	152.2	149.3	146.3	144.9	143.6
62.5°	143.0	145.3	147.4	149.7	151.8	147.8	143.6	139.6	135.4	134.3	133.5
65°	130.5	131.2	132.0	132.7	133.3	130.1	127.0	123.8	120.7	120.0	119.2
67.5°	117.9	117.7	117.5	117.1	116.9	115.0	112.9	111.0	108.9	108.0	107.2
70°	105.7	105.5	105.3	104.9	104.6	103.0	101.3	99.6	97.9	97.3	96.6
72.5°	94.1	93.9	93.5	93.3	92.9	91.4	90.1	88.6	87.2	86.3	85.5
75°	81.5	81.1	80.6	80.2	79.8	78.5	77.3	75.8	74.5	73.7	72.9
77.5°	69.7	69.1	68.4	67.6	67.0	65.9	64.6	63.6	62.3	61.3	60.4
80°	56.2	55.8	55.4	54.7	54.3	53.3	52.2	51.0	49.9	48.6	47.6
82.5°	42.1	41.9	41.5	41.3	40.8	39.8	38.7	37.7	36.6	35.4	34.1
85°	27.2	27.0	26.7	26.5	26.3	25.5	24.8	24.0	23.2	21.9	20.8
87.5°	9.7	9.3	9.1	8.6	8.2	8.0	7.6	7.4	6.9	6.3	5.7
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: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
2.5°	477.5	485.6	485.8	485.8	489.6	493.1	485.8	478.4	470.8	463.4	456.1
5°	508.9	512.1	511.2	510.2	505.6	500.9	496.1	491.2	486.4	481.5	481.8
7.5°	436.1	443.9	450.2	456.3	450.4	444.5	441.3	438.2	435.0	431.9	431.4
10°	347.4	349.5	352.1	354.4	350.8	347.0	353.3	359.6	365.7	372.1	365.1
12.5°	322.8	324.7	320.3	315.6	314.2	312.7	311.2	309.5	308.0	306.4	305.5
15°	278.6	275.2	271.8	268.3	267.4	266.4	265.3	264.0	263.0	261.7	257.9
17.5°	240.9	237.5	231.8	225.9	223.6	221.1	220.5	219.8	219.0	218.4	214.8
20°	207.8	205.5	204.0	202.3	200.0	197.7	195.4	193.1	190.6	188.2	184.9
22.5°	199.2	196.7	194.8	192.7	192.2	191.8	187.6	183.2	179.0	174.6	172.7
25°	244.0	244.7	233.1	221.3	220.2	219.2	211.6	203.8	196.2	188.5	181.9
27.5°	263.6	264.3	263.8	263.4	260.0	256.5	243.6	230.6	217.7	204.7	195.4
30°	236.5	244.7	247.8	251.0	248.7	246.1	232.7	219.4	205.9	192.5	186.3
32.5°	171.4	174.3	179.6	184.7	187.4	189.9	185.7	181.5	177.3	173.1	172.0
35°	159.8	162.1	163.2	164.2	162.6	160.9	157.7	154.6	151.2	148.0	147.4
37.5°	163.0	164.9	167.0	169.1	164.4	159.6	156.0	152.7	149.1	145.5	142.5
40°	165.9	168.4	169.7	171.0	166.3	161.7	157.3	153.1	148.7	144.2	141.3
42.5°	166.3	167.8	170.1	172.4	165.9	159.2	155.2	151.0	147.0	142.8	139.8
45°	164.4	165.3	167.4	169.5	161.9	154.1	150.6	146.8	143.2	139.4	136.9
47.5°	161.7	162.1	163.8	165.3	157.3	149.1	145.7	142.3	138.8	135.4	132.9
50°	157.9	157.7	159.0	160.0	151.8	143.6	140.2	137.1	133.7	130.3	128.2
52.5°	153.1	152.7	153.9	155.0	146.3	137.7	134.8	132.0	129.1	126.1	124.4
55°	147.6	147.0	148.0	149.1	140.7	132.0	129.5	126.8	124.2	121.5	120.0
57.5°	145.5	144.0	144.7	145.3	135.8	126.3	123.8	121.3	118.8	116.2	115.2
60°	142.1	140.7	141.3	141.7	131.6	121.3	119.0	116.4	114.1	111.6	110.5
62.5°	132.4	131.4	132.2	133.1	124.0	114.8	112.6	110.8	108.6	106.5	105.1
65°	118.5	117.7	119.4	121.1	113.3	105.5	104.2	103.0	101.5	100.2	98.8
67.5°	106.3	105.5	107.2	108.9	103.2	97.5	96.2	95.0	93.7	92.4	91.6
70°	96.0	95.4	96.9	98.3	93.5	88.6	87.4	86.3	85.1	83.8	83.2
72.5°	84.4	83.6	85.5	87.2	83.2	79.0	77.9	76.6	75.6	74.3	73.9
75°	72.0	71.2	72.9	74.3	71.6	68.6	67.6	66.5	65.5	64.4	64.2
77.5°	59.4	58.3	60.0	61.5	59.8	57.9	57.1	56.0	55.2	54.1	54.1
80°	46.3	45.1	46.3	47.4	46.7	46.1	45.5	44.6	44.0	43.2	43.4
82.5°	32.8	31.6	32.2	32.8	33.3	33.7	33.7	33.7	33.7	33.7	33.7
85°	19.6	18.3	18.5	18.7	19.4	20.0	20.2	20.4	20.6	20.8	21.1
87.5°	5.1	4.4	4.0	3.4	4.0	4.4	4.8	5.1	5.5	5.7	5.7
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: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
2.5°	448.7	441.1	433.8	438.4	442.8	447.4	451.9	452.1	452.1	452.3	452.3
5°	482.2	482.4	482.6	478.2	474.0	469.5	465.1	462.8	460.5	458.0	455.7
7.5°	430.8	430.4	429.8	425.5	421.3	417.1	412.9	402.8	392.5	382.4	372.1
10°	358.0	351.0	343.8	342.2	340.7	339.0	337.3	334.6	332.1	329.3	326.6
12.5°	304.7	303.8	303.0	298.6	294.2	289.5	285.1	285.1	285.1	285.1	285.1
15°	253.9	250.1	246.1	244.0	241.7	239.6	237.3	236.2	235.2	234.1	233.1
17.5°	211.0	207.4	203.6	203.2	202.8	202.3	201.9	200.9	199.8	198.8	197.7
20°	181.5	178.1	174.8	176.0	177.3	178.3	179.6	178.6	177.5	176.2	175.2
22.5°	170.6	168.7	166.6	165.5	164.4	163.2	162.1	162.1	162.3	162.3	162.3
25°	175.6	169.1	162.6	159.4	156.2	152.9	149.7	148.4	147.4	146.1	144.9
27.5°	186.1	176.7	167.4	161.9	156.4	151.0	145.5	143.2	140.7	138.3	135.8
30°	180.0	173.9	167.6	161.3	155.0	148.7	142.3	139.4	136.4	133.3	130.3
32.5°	171.0	169.7	168.7	162.8	156.9	150.8	144.9	143.6	142.5	141.3	140.0
35°	146.5	145.9	145.1	143.6	142.1	140.7	139.2	137.5	135.8	134.1	132.4
37.5°	139.8	136.9	133.9	133.3	132.7	132.0	131.4	130.8	130.1	129.3	128.7
40°	138.3	135.4	132.4	131.4	130.3	129.1	128.0	128.2	128.7	128.9	129.1
42.5°	136.7	133.7	130.5	129.7	128.9	128.0	127.2	127.4	127.8	128.0	128.2
45°	134.5	132.0	129.5	128.0	126.8	125.3	123.8	125.1	126.3	127.4	128.7
47.5°	130.3	127.6	125.1	124.2	123.4	122.3	121.5	122.8	124.0	125.1	126.3
50°	125.9	123.8	121.5	121.3	121.1	120.7	120.4	121.3	122.1	123.0	123.8
52.5°	122.5	120.9	119.0	119.0	118.8	118.8	118.5	119.4	120.2	120.9	121.7
55°	118.8	117.3	115.8	116.0	116.4	116.6	116.9	117.7	118.8	119.6	120.4
57.5°	113.9	112.9	111.6	112.4	113.1	113.9	114.5	115.2	116.0	116.6	117.3
60°	109.3	108.2	107.0	107.8	108.9	109.7	110.5	111.2	111.8	112.4	113.1
62.5°	103.6	101.9	100.4	101.7	102.8	104.0	105.1	105.5	106.1	106.5	107.0
65°	97.5	96.0	94.5	95.4	96.2	96.9	97.7	98.3	99.0	99.6	100.2
67.5°	90.5	89.7	88.6	89.3	89.9	90.5	91.2	91.4	91.4	91.6	91.6
70°	82.3	81.7	80.9	81.3	81.9	82.3	82.7	82.7	82.7	82.5	82.5
72.5°	73.7	73.3	72.9	73.1	73.5	73.7	73.9	73.7	73.5	73.3	73.1
75°	64.0	63.8	63.6	63.8	64.2	64.4	64.6	64.4	64.0	63.8	63.4
77.5°	54.3	54.3	54.3	54.3	54.5	54.5	54.5	54.1	53.7	53.3	52.9
80°	43.6	43.8	44.0	44.0	44.0	44.0	44.0	43.6	43.2	42.5	42.1
82.5°	33.7	33.7	33.7	33.7	33.9	33.9	33.9	32.8	32.0	31.0	29.9
85°	21.1	21.3	21.3	21.5	21.7	21.7	21.9	20.4	19.2	17.7	16.2
87.5°	5.7	5.7	5.7	5.7	5.7	5.5	5.5	4.2	2.7	1.5	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: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
2.5°	453.5	454.8	455.9	457.1	457.3	457.5	457.5	457.8	453.3	448.9	444.3
5°	458.8	461.8	464.9	467.9	467.2	466.6	466.0	465.3	464.1	463.0	461.8
7.5°	369.7	367.6	365.3	363.0	364.9	366.8	368.7	370.6	371.4	372.3	372.9
10°	321.3	316.0	310.8	305.5	302.6	299.4	296.5	293.3	292.9	292.7	292.3
12.5°	279.6	273.9	268.5	262.8	261.1	259.2	257.5	255.6	257.3	259.0	260.5
15°	230.8	228.7	226.4	224.0	225.9	227.8	229.7	231.6	233.3	234.8	236.5
17.5°	196.7	195.8	194.8	193.7	195.4	197.3	199.0	200.7	204.5	208.2	212.0
20°	174.3	173.7	172.9	172.0	171.4	170.6	169.9	169.1	174.6	179.8	185.3
22.5°	161.1	159.8	158.6	157.3	157.5	157.7	157.7	157.9	162.3	167.0	171.4
25°	144.4	144.0	143.6	143.2	144.4	145.7	146.8	148.0	152.0	156.0	159.8
27.5°	136.0	136.2	136.4	136.7	138.3	140.2	141.9	143.6	146.3	149.1	151.8
30°	131.4	132.7	133.7	134.8	135.4	136.0	136.7	137.3	140.0	142.5	145.3
32.5°	138.3	136.7	134.8	133.1	133.9	135.0	135.8	136.7	139.2	141.7	144.2
35°	131.8	131.0	130.3	129.5	130.5	131.6	132.4	133.5	135.8	137.9	140.2
37.5°	128.4	128.2	128.0	127.8	128.4	129.1	129.5	130.1	132.2	134.3	136.2
40°	128.2	127.2	126.3	125.3	125.9	126.5	127.0	127.6	130.1	132.7	135.2
42.5°	127.0	125.7	124.2	123.0	123.6	124.4	125.1	125.7	128.4	131.0	133.7
45°	126.8	124.9	122.8	120.9	121.7	122.5	123.4	124.2	126.3	128.4	130.3
47.5°	124.4	122.5	120.7	118.8	119.2	119.6	119.8	120.2	122.1	123.8	125.7
50°	122.5	121.1	119.8	118.3	117.7	117.3	116.6	116.0	117.5	119.0	120.4
52.5°	120.2	118.8	117.1	115.6	114.8	113.9	113.1	112.2	113.5	114.5	115.8
55°	118.8	116.9	115.2	113.3	112.2	111.2	110.1	109.1	109.9	110.5	111.4
57.5°	115.6	113.9	112.0	110.3	109.1	107.8	106.3	105.1	105.5	105.9	106.3
60°	111.4	109.5	107.8	105.9	104.4	103.0	101.3	99.8	100.0	100.4	100.6
62.5°	105.3	103.6	101.7	100.0	98.3	96.9	95.2	93.5	93.9	94.1	94.5
65°	98.5	96.6	95.0	93.1	91.6	90.1	88.4	87.0	87.4	87.8	88.0
67.5°	90.3	88.9	87.6	86.1	84.9	83.4	82.1	80.6	80.9	81.1	81.3
70°	81.5	80.2	79.2	77.9	76.9	75.8	74.7	73.7	73.7	73.9	73.9
72.5°	72.0	71.0	69.9	68.9	67.8	67.0	65.9	64.9	65.3	65.7	65.9
75°	62.3	61.5	60.4	59.4	58.5	57.7	56.6	55.8	56.2	56.6	56.9
77.5°	52.2	51.6	50.7	50.1	49.3	48.4	47.4	46.5	47.0	47.4	47.6
80°	41.7	41.3	40.6	40.2	39.4	38.5	37.7	36.8	37.1	37.1	37.3
82.5°	30.1	30.3	30.3	30.5	29.9	29.1	28.4	27.6	27.6	27.6	27.4
85°	16.8	17.7	18.3	19.0	18.3	17.7	17.1	16.4	16.2	16.2	16.0
87.5°	0.6	1.1	1.7	2.1	1.9	1.7	1.3	1.1	1.3	1.5	1.5
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: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
2.5°	439.9	443.4	447.0	450.6	454.2	459.7	465.1	470.8	476.5	473.3	470.0
5°	460.5	462.6	464.9	467.0	469.1	475.2	481.1	488.5	495.7	494.8	493.8
7.5°	373.7	376.7	379.6	382.4	385.3	394.6	403.9	411.6	419.4	418.4	417.1
10°	291.8	297.9	304.3	310.4	316.5	324.1	331.4	337.9	344.5	355.4	366.2
12.5°	262.1	271.6	281.1	290.6	300.0	305.5	310.8	319.2	327.6	333.5	339.6
15°	237.9	246.8	255.6	264.5	273.3	273.7	274.1	283.0	291.8	296.9	301.7
17.5°	215.8	220.7	225.5	230.1	235.0	233.3	231.6	235.8	239.8	241.9	244.2
20°	190.6	193.9	197.3	200.7	204.0	206.3	208.5	211.0	213.3	211.2	208.9
22.5°	175.8	180.9	186.1	191.2	196.2	197.7	199.0	197.5	196.0	195.4	194.8
25°	163.8	169.9	176.2	182.3	188.5	191.4	194.3	195.6	196.7	194.3	192.0
27.5°	154.6	161.9	169.1	176.4	183.6	188.9	194.1	195.6	196.9	195.2	193.3
30°	147.8	155.8	163.8	171.8	179.8	187.8	195.6	202.6	209.3	208.7	208.0
32.5°	146.8	152.2	157.7	163.2	168.7	173.7	178.6	179.0	179.2	177.5	175.6
35°	142.3	145.9	149.5	153.1	156.7	159.8	162.8	162.3	161.9	160.2	158.6
37.5°	138.3	141.9	145.7	149.3	152.9	158.3	163.6	162.6	161.3	159.6	157.9
40°	137.7	141.7	145.7	149.5	153.5	158.6	163.6	162.6	161.5	159.4	157.3
42.5°	136.2	140.2	144.0	148.0	151.8	157.9	163.8	161.9	159.8	158.1	156.4
45°	132.4	136.0	139.6	143.2	146.8	153.3	159.8	157.5	155.2	154.6	153.7
47.5°	127.4	131.0	134.5	138.1	141.7	148.2	154.6	152.7	150.6	150.3	149.9
50°	121.9	125.3	128.9	132.2	135.6	142.1	148.4	146.8	145.1	145.3	145.3
52.5°	116.9	120.0	123.0	126.1	129.1	135.6	141.9	140.7	139.2	139.6	139.8
55°	112.0	114.5	117.1	119.6	122.1	128.4	134.8	132.9	131.0	131.6	132.2
57.5°	106.8	108.9	111.0	112.9	115.0	121.3	127.4	125.3	123.0	124.0	124.9
60°	100.9	102.8	104.6	106.3	108.2	113.9	119.4	117.5	115.4	116.9	118.1
62.5°	94.8	96.2	97.7	99.2	100.6	105.9	111.2	109.7	108.2	109.9	111.4
65°	88.4	89.5	90.8	91.8	92.9	97.9	102.8	101.7	100.6	102.1	103.6
67.5°	81.5	82.3	83.4	84.2	85.1	89.7	94.3	93.3	92.0	93.3	94.3
70°	73.9	74.7	75.4	76.2	76.9	81.1	85.3	83.8	82.1	83.4	84.4
72.5°	66.3	66.7	67.4	67.8	68.2	71.4	74.5	73.3	72.0	73.3	74.3
75°	57.3	57.7	58.1	58.5	59.0	61.7	64.2	62.7	61.1	62.3	63.6
77.5°	48.0	48.2	48.6	48.8	49.1	51.0	52.6	51.2	49.5	51.0	52.4
80°	37.3	37.5	37.7	37.7	37.9	38.5	39.2	38.1	36.8	38.7	40.6
82.5°	27.4	27.2	27.2	27.0	26.7	26.7	26.5	25.9	25.1	26.7	28.4
85°	15.8	15.6	15.2	14.9	14.5	13.9	13.3	13.1	12.8	14.3	15.8
87.5°	1.7	1.5	1.1	0.8	0.4	0.2	0.0	0.0	0.0	0.8	1.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
2.5°	466.8	463.4	460.3	457.1	454.0	450.8	456.7	462.6	468.5	474.4	479.7
5°	492.9	491.9	489.1	486.6	483.9	481.1	482.6	484.3	485.8	487.2	490.4
7.5°	416.1	414.8	420.7	426.4	432.3	438.0	439.4	440.7	442.2	443.4	442.6
10°	377.1	387.9	390.6	393.1	395.9	398.4	402.6	406.8	410.8	415.0	417.3
12.5°	345.5	351.4	361.1	371.0	380.7	390.4	396.7	403.0	409.3	415.6	428.7
15°	306.8	311.6	319.0	326.4	333.7	341.1	350.2	359.4	368.5	377.5	391.9
17.5°	246.4	248.5	253.9	259.4	264.7	270.1	282.4	294.4	306.6	318.6	335.0
20°	206.8	204.5	204.5	204.7	204.7	204.7	216.9	228.9	241.1	253.1	274.8
22.5°	193.9	193.3	191.0	188.5	186.1	183.6	189.9	196.5	202.8	209.1	226.8
25°	189.5	187.2	184.2	181.3	178.3	175.4	179.4	183.4	187.4	191.4	205.3
27.5°	191.6	189.7	191.2	192.5	193.9	195.2	196.5	197.7	199.0	200.2	205.1
30°	207.4	206.8	209.1	211.2	213.5	215.6	212.7	209.9	207.0	204.0	205.7
32.5°	173.9	172.0	171.2	170.3	169.5	168.7	168.4	168.2	167.8	167.6	171.4
35°	156.9	155.2	153.9	152.7	151.2	149.9	150.6	151.0	151.6	152.0	156.2
37.5°	156.2	154.6	153.1	151.6	149.9	148.4	149.1	149.9	150.6	151.2	154.3
40°	155.2	153.1	152.2	151.4	150.6	149.7	150.1	150.6	150.8	151.2	153.5
42.5°	154.6	152.9	152.4	152.0	151.6	151.2	151.6	152.0	152.2	152.7	155.4
45°	153.1	152.2	152.7	153.1	153.5	153.9	153.9	153.9	153.9	153.9	156.9
47.5°	149.7	149.3	150.6	151.8	153.1	154.3	156.4	158.6	160.4	162.6	163.2
50°	145.5	145.5	147.6	149.7	151.6	153.7	158.8	163.6	168.7	173.5	170.3
52.5°	140.2	140.4	143.6	146.5	149.7	152.7	157.3	161.9	166.3	171.0	166.3
55°	132.7	133.3	137.3	141.1	145.1	148.9	152.4	156.0	159.6	163.2	158.3
57.5°	125.9	126.8	131.0	135.0	139.2	143.2	145.3	147.6	149.7	151.8	148.7
60°	119.6	120.9	126.3	131.8	137.1	142.5	140.9	139.2	137.3	135.6	135.4
62.5°	113.1	114.5	119.6	124.7	129.5	134.5	132.0	129.5	126.8	124.2	125.3
65°	104.9	106.3	108.6	111.0	113.1	115.4	115.2	115.2	115.0	114.8	116.9
67.5°	95.6	96.6	98.1	99.4	100.9	102.1	103.0	104.0	104.9	105.7	108.2
70°	85.7	86.8	88.2	89.5	91.0	92.2	93.3	94.3	95.2	96.2	98.8
72.5°	75.6	76.6	78.1	79.6	80.9	82.3	83.2	84.0	84.6	85.5	87.6
75°	64.9	66.1	67.6	68.9	70.3	71.6	72.2	72.9	73.5	74.1	76.0
77.5°	53.9	55.4	56.9	58.3	59.8	61.3	61.5	61.7	61.9	62.1	63.8
80°	42.3	44.2	45.7	47.2	48.6	50.1	50.1	50.1	50.1	50.1	51.0
82.5°	30.1	31.8	33.5	35.0	36.6	38.1	38.1	37.9	37.9	37.7	37.7
85°	17.3	18.7	19.8	21.1	22.1	23.2	23.2	23.2	23.0	23.0	22.5
87.5°	2.7	3.6	4.0	4.6	5.1	5.5	5.3	5.3	5.1	4.8	4.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
2.5°	484.9	490.2	495.4	494.6	493.8	492.9	492.1	495.2	498.2	501.3	504.3
5°	493.3	496.5	499.4	501.8	504.1	506.4	508.7	519.5	530.0	540.7	551.2
7.5°	441.8	440.7	439.9	449.8	459.9	469.8	479.7	493.3	507.0	520.7	534.4
10°	419.6	422.0	424.3	428.3	432.5	436.5	440.5	454.0	467.4	480.9	494.4
12.5°	441.5	454.6	467.4	470.6	474.0	477.1	480.3	483.0	485.8	488.3	491.0
15°	406.2	420.5	434.8	443.0	451.2	459.2	467.4	488.1	508.5	529.1	549.6
17.5°	351.2	367.6	383.9	404.1	424.3	444.5	464.7	483.7	502.6	521.3	540.3
20°	296.5	317.9	339.6	361.7	383.6	405.7	427.6	446.2	464.7	483.0	501.6
22.5°	244.2	261.9	279.4	306.4	333.1	360.1	386.8	421.3	455.7	490.2	524.5
25°	219.0	232.9	246.6	274.4	302.2	329.7	357.5	402.4	447.0	491.9	536.5
27.5°	210.1	215.0	219.8	245.1	270.1	295.4	320.5	368.9	417.3	465.5	514.0
30°	207.4	209.1	210.8	230.6	250.4	270.1	289.9	337.7	385.7	433.5	481.3
32.5°	175.0	178.8	182.3	201.7	220.9	240.2	259.4	307.6	355.6	403.9	451.9
35°	160.4	164.7	168.9	187.8	206.8	225.5	244.5	295.2	346.2	396.9	447.6
37.5°	157.5	160.7	163.8	185.3	206.8	228.2	249.7	301.1	352.5	403.9	455.2
40°	156.0	158.3	160.7	181.5	202.6	223.4	244.2	298.2	351.8	405.7	459.4
42.5°	157.9	160.7	163.2	182.1	200.9	219.8	238.6	294.4	349.9	405.7	461.3
45°	159.6	162.6	165.3	183.0	200.7	218.4	236.0	295.6	355.0	414.6	474.0
47.5°	163.6	164.2	164.7	180.0	195.2	210.6	225.7	286.4	347.0	407.4	468.1
50°	167.0	163.8	160.4	176.4	192.2	208.2	224.0	281.5	339.0	396.3	453.8
52.5°	161.7	156.9	152.2	169.5	186.8	203.8	221.1	278.6	336.3	393.7	451.2
55°	153.7	148.9	144.0	161.5	179.0	196.5	213.9	271.2	328.7	386.0	443.2
57.5°	145.7	142.5	139.4	153.7	168.2	182.6	196.9	259.0	320.9	383.0	444.9
60°	135.2	134.8	134.5	145.7	157.1	168.2	179.4	240.2	300.9	361.7	422.4
62.5°	126.1	127.2	128.0	137.1	146.1	155.0	164.0	222.8	281.7	340.5	399.2
65°	119.2	121.3	123.4	133.7	144.0	154.1	164.4	213.7	263.0	312.3	361.5
67.5°	110.8	113.3	115.8	129.3	142.8	156.2	169.7	210.3	251.0	291.6	332.3
70°	101.1	103.6	105.9	123.2	140.2	157.5	174.6	210.6	246.8	282.8	318.8
72.5°	89.7	91.8	93.9	112.4	131.0	149.5	168.0	198.6	229.1	259.4	289.9
75°	78.1	80.0	81.9	97.9	113.9	129.9	145.9	169.5	192.9	216.5	239.8
77.5°	65.3	67.0	68.4	79.2	89.9	100.6	111.4	129.5	147.4	165.5	183.4
80°	51.8	52.6	53.5	59.8	65.9	72.2	78.3	90.3	102.3	114.1	126.1
82.5°	37.9	37.9	37.9	41.9	46.1	50.1	54.1	60.2	66.1	72.2	78.1
85°	22.1	21.5	21.1	23.8	26.5	29.3	32.0	34.5	37.1	39.6	42.1
87.5°	3.6	2.7	2.1	3.8	5.5	7.2	8.8	9.7	10.7	11.6	12.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
2.5°	497.1	490.2	483.0	475.9	486.4	496.9	507.4	518.0	546.0	562.6	563.7
5°	560.1	568.9	577.8	586.6	595.5	604.3	612.9	621.8	667.3	695.3	700.5
7.5°	548.9	563.7	578.2	592.7	617.8	642.8	667.9	693.0	731.5	759.3	777.6
10°	512.5	530.6	548.7	566.8	596.5	626.4	656.1	685.8	726.6	763.3	780.8
12.5°	519.9	548.7	577.4	606.2	631.9	657.8	683.5	709.2	737.4	751.3	783.1
15°	569.6	589.6	609.6	629.6	668.3	706.8	745.6	784.1	800.1	831.9	860.6
17.5°	577.1	613.8	650.6	687.3	734.6	782.0	829.4	876.8	906.5	947.5	982.0
20°	553.6	605.4	657.4	709.2	770.2	831.5	892.6	953.6	991.3	1025.8	1079.3
22.5°	581.8	639.0	696.1	753.4	834.4	915.3	996.4	1077.2	1156.0	1233.0	1269.3
25°	612.9	689.6	766.0	842.4	943.7	1044.8	1146.1	1247.1	1348.4	1420.6	1462.3
27.5°	591.0	667.9	745.0	821.8	947.1	1072.6	1197.9	1323.2	1431.6	1518.6	1554.4
30°	575.7	670.0	764.3	858.7	1005.6	1152.6	1299.6	1446.5	1546.8	1643.8	1696.5
32.5°	572.9	694.0	814.9	935.9	1107.1	1278.1	1449.3	1620.3	1686.8	1772.9	1843.9
35°	580.5	713.6	846.4	979.3	1175.6	1371.8	1567.8	1764.1	1858.6	1943.9	2006.0
37.5°	603.7	752.1	900.4	1048.8	1285.3	1521.9	1758.4	1994.8	2153.4	2309.4	2337.2
40°	616.7	774.2	931.5	1088.8	1363.8	1638.8	1913.8	2188.8	2371.1	2542.3	2553.9
42.5°	632.1	802.9	973.4	1144.2	1449.1	1754.2	2059.1	2364.0	2589.7	2773.7	2779.2
45°	649.8	825.4	1001.2	1176.8	1495.2	1813.3	2131.7	2449.9	2722.7	2946.4	2891.8
47.5°	656.7	845.6	1034.3	1222.9	1562.4	1901.6	2241.0	2580.2	2825.1	3028.5	2976.3
50°	659.5	865.4	1071.1	1276.8	1628.5	1980.3	2331.9	2683.6	2932.7	3131.0	3051.0
52.5°	676.5	901.8	1127.1	1352.4	1718.8	2085.2	2451.5	2817.9	3063.0	3253.6	3154.2
55°	699.5	955.7	1211.8	1468.0	1847.2	2226.2	2605.5	2984.5	3230.4	3407.7	3284.5
57.5°	720.7	996.8	1272.6	1548.5	1941.4	2334.5	2727.4	3120.3	3369.4	3544.8	3425.4
60°	710.4	998.5	1286.5	1574.6	1960.7	2346.7	2732.9	3118.8	3401.6	3611.9	3550.9
62.5°	679.3	959.3	1239.1	1519.2	1885.8	2252.1	2618.7	2985.1	3316.1	3585.8	3583.1
65°	619.3	877.0	1134.5	1392.2	1731.4	2070.9	2410.1	2749.3	3139.4	3467.1	3488.3
67.5°	546.2	760.1	974.0	1188.0	1507.4	1826.8	2146.2	2465.7	2882.8	3244.3	3262.6
70°	475.4	632.3	789.0	945.6	1226.1	1506.6	1786.8	2067.3	2488.6	2854.3	2871.2
72.5°	392.5	495.0	597.4	699.9	927.1	1154.3	1381.3	1608.5	1978.4	2259.7	2354.7
75°	300.7	361.5	422.4	483.2	667.1	850.9	1034.5	1218.3	1464.2	1671.8	1778.8
77.5°	215.0	246.6	278.1	309.7	466.0	622.2	778.2	934.5	1063.7	1181.4	1253.7
80°	141.1	155.8	170.8	185.5	315.4	445.3	575.0	705.0	783.7	846.9	883.3
82.5°	85.5	92.9	100.0	107.4	212.7	317.9	423.0	528.3	573.4	603.5	635.9
85°	46.1	50.1	54.1	58.1	125.7	193.1	260.7	328.1	332.5	336.1	384.3
87.5°	13.5	14.7	15.8	16.8	27.8	39.0	49.9	60.9	37.9	23.6	48.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
2.5°	557.6	554.8	552.1	549.1	546.4	534.8	523.5	511.9	500.3	511.4	522.4
5°	694.4	702.8	711.1	719.5	727.9	728.5	729.0	729.6	730.0	732.1	734.2
7.5°	793.0	807.9	822.7	837.6	852.6	864.1	875.7	887.5	899.1	888.6	878.0
10°	801.4	833.0	864.6	896.1	927.7	933.4	938.9	944.6	950.3	957.8	965.2
12.5°	809.8	848.3	886.7	925.2	963.7	980.6	997.2	1014.1	1030.7	1038.9	1046.9
15°	898.9	921.6	944.1	966.9	989.4	1001.0	1012.4	1024.0	1035.5	1042.5	1049.2
17.5°	1013.4	1021.8	1030.1	1038.5	1046.9	1054.7	1062.5	1070.3	1078.1	1079.3	1080.6
20°	1117.9	1119.5	1121.0	1122.7	1124.2	1107.8	1091.5	1075.1	1058.7	1061.6	1064.4
22.5°	1274.5	1265.3	1256.2	1246.9	1237.9	1206.9	1176.2	1145.2	1114.5	1101.2	1088.2
25°	1510.3	1486.8	1463.2	1439.6	1416.0	1366.7	1317.7	1268.4	1219.4	1190.5	1161.9
27.5°	1586.4	1535.0	1483.8	1432.4	1381.1	1343.8	1306.7	1269.5	1232.4	1186.7	1141.0
30°	1740.1	1659.0	1578.1	1497.1	1416.0	1380.0	1344.0	1307.8	1271.8	1225.0	1178.5
32.5°	1876.3	1792.1	1707.8	1623.4	1539.2	1471.0	1402.7	1334.5	1266.3	1234.7	1203.1
35°	2034.0	1928.1	1822.2	1716.3	1610.4	1551.8	1493.5	1435.0	1376.6	1328.8	1281.3
37.5°	2263.7	2151.1	2038.4	1925.6	1812.9	1733.7	1654.8	1575.6	1496.7	1470.3	1444.2
40°	2482.7	2349.6	2216.8	2083.7	1950.8	1890.2	1829.6	1768.7	1708.1	1663.6	1619.2
42.5°	2666.1	2534.5	2403.1	2271.5	2140.1	2095.9	2051.9	2007.7	1963.7	1927.0	1890.4
45°	2729.1	2621.7	2514.5	2407.1	2299.7	2284.2	2268.8	2253.2	2237.8	2210.7	2183.5
47.5°	2830.3	2720.9	2611.6	2502.1	2392.6	2398.3	2404.0	2409.9	2415.5	2417.0	2418.3
50°	2889.9	2785.9	2682.1	2578.1	2474.3	2501.9	2529.2	2556.8	2584.4	2646.9	2709.3
52.5°	2976.9	2874.8	2772.9	2670.7	2568.6	2615.4	2661.9	2708.6	2755.2	2842.8	2930.4
55°	3086.0	2988.3	2890.8	2793.1	2695.6	2741.1	2786.3	2831.8	2877.1	2974.6	3072.1
57.5°	3230.6	3126.0	3021.5	2916.9	2812.4	2854.3	2896.0	2937.9	2979.6	3072.3	3164.9
60°	3395.3	3281.6	3167.9	3054.0	2940.3	2951.8	2963.2	2974.8	2986.2	3086.6	3186.8
62.5°	3476.1	3370.8	3265.8	3160.5	3055.2	3023.0	2990.8	2958.4	2926.1	3016.1	3105.8
65°	3406.0	3333.6	3261.4	3188.9	3116.5	3059.6	3003.0	2946.1	2889.3	2945.5	3001.5
67.5°	3182.8	3141.8	3100.9	3059.9	3018.8	2923.4	2828.0	2732.4	2637.0	2640.8	2644.4
70°	2821.1	2810.1	2799.4	2788.4	2777.5	2634.1	2490.9	2347.5	2204.1	2182.2	2160.3
72.5°	2362.7	2369.8	2376.8	2384.0	2391.1	2237.0	2082.9	1928.7	1774.6	1738.2	1701.7
75°	1830.0	1869.6	1909.1	1948.9	1988.5	1841.1	1693.7	1546.1	1398.7	1353.9	1309.0
77.5°	1293.0	1367.0	1440.6	1514.6	1588.5	1455.2	1322.1	1188.8	1055.5	1026.5	997.4
80°	901.6	937.8	974.0	1010.3	1046.5	979.5	912.6	845.6	778.6	786.7	794.4
82.5°	656.7	665.2	673.4	681.8	690.2	662.8	635.5	607.9	580.5	601.4	622.2
85°	420.7	450.8	480.7	510.8	540.7	510.4	480.1	449.5	419.2	433.1	447.0
87.5°	94.1	148.9	203.6	258.6	313.3	283.8	254.6	225.1	195.6	182.3	169.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
2.5°	533.6	544.7	541.3	538.2	534.8	531.5	537.6	543.7	550.0	556.1	554.0
5°	736.5	738.6	718.6	698.8	678.8	658.8	671.3	683.7	696.1	708.5	704.1
7.5°	867.5	857.0	845.4	833.8	822.0	810.4	807.9	805.4	802.7	800.1	796.8
10°	972.8	980.2	972.6	965.2	957.6	950.0	932.4	914.7	896.8	879.1	871.7
12.5°	1055.1	1063.3	1065.2	1066.9	1068.8	1070.7	1050.9	1031.3	1011.5	991.7	973.8
15°	1056.2	1063.1	1069.2	1075.1	1081.2	1087.1	1074.9	1062.9	1050.7	1038.5	1032.8
17.5°	1082.1	1083.3	1078.3	1073.4	1068.4	1063.5	1058.7	1054.1	1049.2	1044.6	1035.5
20°	1067.3	1070.3	1069.6	1069.0	1068.2	1067.5	1068.0	1068.2	1068.6	1068.8	1063.7
22.5°	1074.9	1061.6	1064.4	1066.9	1069.6	1072.2	1079.7	1087.3	1095.1	1102.7	1122.9
25°	1133.0	1104.2	1099.8	1095.5	1091.1	1086.9	1106.7	1126.3	1146.1	1165.9	1198.7
27.5°	1095.1	1049.4	1039.3	1029.2	1019.1	1009.0	1039.1	1069.0	1099.1	1129.2	1162.7
30°	1131.8	1085.2	1062.9	1040.6	1018.1	995.7	1024.6	1053.2	1082.1	1110.7	1147.8
32.5°	1171.6	1140.0	1125.0	1110.3	1095.3	1080.6	1082.9	1085.2	1087.5	1089.9	1142.1
35°	1233.5	1185.7	1170.9	1156.2	1141.4	1126.7	1151.3	1175.8	1200.4	1224.8	1269.0
37.5°	1417.9	1391.6	1365.1	1338.5	1311.8	1285.3	1299.8	1314.3	1328.8	1343.4	1385.1
40°	1574.8	1530.3	1525.9	1521.7	1517.3	1512.9	1514.1	1515.2	1516.4	1517.7	1553.3
42.5°	1853.6	1816.9	1794.4	1771.9	1749.3	1726.8	1725.3	1723.9	1722.2	1720.7	1747.4
45°	2156.1	2129.0	2112.1	2095.3	2078.2	2061.4	2034.6	2007.9	1980.9	1954.2	1977.6
47.5°	2419.8	2421.2	2451.8	2482.1	2512.6	2543.1	2497.4	2451.8	2406.1	2360.4	2330.3
50°	2771.8	2834.1	2841.5	2848.7	2856.0	2863.4	2785.9	2708.6	2631.2	2553.7	2522.1
52.5°	3018.2	3105.8	3094.4	3083.2	3071.9	3060.5	3015.6	2971.0	2926.1	2881.3	2812.4
55°	3169.8	3267.3	3258.6	3250.2	3241.6	3232.9	3200.3	3167.7	3135.0	3102.4	3026.8
57.5°	3257.6	3350.2	3352.7	3355.3	3357.8	3360.3	3351.7	3343.1	3334.4	3325.8	3227.5
60°	3287.3	3387.7	3388.7	3389.6	3390.6	3391.5	3377.8	3364.1	3350.2	3336.5	3272.3
62.5°	3195.7	3285.4	3289.4	3293.2	3297.2	3301.2	3291.7	3282.2	3272.7	3263.3	3215.7
65°	3057.7	3114.0	3115.0	3115.9	3116.9	3118.0	3094.0	3070.2	3046.2	3022.2	3010.8
67.5°	2648.2	2652.0	2674.3	2696.6	2719.0	2741.3	2743.2	2745.1	2747.2	2749.1	2732.6
70°	2138.4	2116.5	2140.8	2165.0	2189.2	2213.4	2223.7	2234.0	2244.6	2254.9	2262.5
72.5°	1665.1	1628.7	1646.6	1664.5	1682.6	1700.5	1685.1	1669.7	1654.4	1639.0	1687.6
75°	1264.2	1219.4	1217.0	1214.9	1212.6	1210.5	1202.7	1194.9	1186.9	1179.1	1224.6
77.5°	968.2	939.1	940.6	941.8	943.3	944.6	936.6	928.8	920.8	912.8	930.3
80°	802.4	810.2	810.4	810.7	810.9	811.1	803.5	796.1	788.5	781.0	768.3
82.5°	643.3	664.1	663.9	663.9	663.7	663.5	663.1	662.6	662.0	661.6	640.9
85°	460.9	474.8	460.5	446.2	431.9	417.5	428.1	438.6	449.3	459.9	451.2
87.5°	156.0	143.0	125.9	109.1	92.0	75.0	93.3	111.6	130.1	148.4	159.0
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: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366810

CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5	457.5
2.5°	552.1	550.0	548.1	534.8	521.3	508.1	494.6	519.0	543.7	568.1	592.5
5°	699.9	695.5	691.3	690.2	689.2	687.9	686.8	699.3	711.7	723.9	736.3
7.5°	793.4	790.0	786.7	777.8	769.2	760.3	751.5	759.1	766.4	774.0	781.4
10°	864.6	857.2	849.8	830.7	811.7	792.5	773.4	767.7	762.0	756.3	750.6
12.5°	955.9	937.8	919.9	898.2	876.3	854.7	832.8	829.8	826.9	824.1	821.2
15°	1027.3	1021.6	1015.9	998.7	981.4	964.2	946.9	923.7	900.4	877.2	854.0
17.5°	1026.7	1017.6	1008.8	1032.0	1054.9	1078.1	1101.0	1076.4	1051.5	1026.9	1002.3
20°	1058.7	1053.4	1048.4	1091.1	1133.7	1176.4	1218.9	1205.5	1191.8	1178.3	1164.6
22.5°	1142.9	1163.1	1183.1	1219.8	1256.2	1292.8	1329.3	1344.6	1360.0	1375.4	1390.7
25°	1231.4	1264.2	1297.0	1351.6	1405.9	1460.4	1515.0	1525.9	1536.9	1547.8	1558.8
27.5°	1196.0	1229.5	1262.9	1304.2	1345.3	1386.5	1427.6	1475.6	1523.8	1571.8	1619.8
30°	1184.6	1221.7	1258.5	1315.2	1371.6	1428.2	1484.9	1551.0	1617.1	1683.0	1749.1
32.5°	1194.1	1246.3	1298.5	1375.2	1451.6	1528.2	1604.9	1674.4	1744.1	1813.5	1883.0
35°	1313.0	1357.3	1401.3	1487.0	1572.7	1658.4	1744.1	1825.6	1907.0	1988.3	2069.8
37.5°	1426.5	1468.2	1509.9	1597.5	1684.9	1772.5	1860.1	1988.7	2117.6	2246.2	2374.9
40°	1588.7	1624.3	1659.6	1734.6	1809.5	1884.5	1959.5	2114.6	2269.8	2425.0	2580.2
42.5°	1774.0	1800.7	1827.2	1904.9	1982.6	2060.3	2138.0	2306.9	2476.0	2644.8	2813.7
45°	2000.7	2024.1	2047.5	2101.0	2154.4	2208.1	2261.6	2435.8	2609.9	2784.0	2958.2
47.5°	2300.2	2270.0	2239.9	2266.3	2292.6	2318.9	2345.2	2517.5	2689.7	2861.7	3034.0
50°	2490.5	2458.9	2427.3	2429.6	2431.8	2434.1	2436.4	2597.0	2757.7	2918.1	3078.8
52.5°	2743.6	2674.5	2605.7	2605.0	2604.4	2603.6	2602.9	2743.0	2883.2	3023.2	3163.2
55°	2951.2	2875.6	2800.0	2785.3	2770.5	2755.6	2740.9	2879.4	3017.7	3156.3	3294.6
57.5°	3129.1	3030.6	2932.3	2909.1	2885.9	2862.8	2839.6	2988.9	3138.4	3287.7	3437.0
60°	3208.3	3144.1	3080.1	3051.6	3023.2	2994.8	2966.4	3093.5	3220.7	3347.7	3474.9
62.5°	3168.3	3120.7	3073.3	3079.9	3086.4	3092.9	3099.4	3172.1	3244.9	3317.6	3390.2
65°	2999.6	2988.3	2977.1	3029.7	3082.4	3135.0	3187.7	3188.7	3189.8	3190.8	3191.9
67.5°	2716.2	2699.8	2683.4	2792.9	2902.1	3011.6	3121.1	3069.1	3017.1	2965.3	2913.3
70°	2269.8	2277.4	2284.8	2433.9	2582.7	2731.8	2880.9	2805.5	2729.9	2654.5	2578.9
72.5°	1736.3	1785.1	1833.8	1988.3	2142.9	2297.4	2452.0	2365.8	2279.5	2193.4	2107.1
75°	1270.1	1315.6	1361.1	1513.7	1666.4	1819.2	1971.9	1869.6	1767.2	1665.1	1562.8
77.5°	947.7	965.4	982.9	1109.9	1236.6	1363.6	1490.3	1387.6	1284.8	1182.3	1079.5
80°	755.9	743.3	730.9	801.2	871.5	941.8	1012.2	939.3	866.2	793.4	720.5
82.5°	620.5	599.9	579.5	605.6	631.7	658.0	684.1	625.8	567.5	509.1	450.8
85°	442.6	434.0	425.3	432.9	440.3	447.9	455.4	398.6	341.7	285.1	228.2
87.5°	169.3	179.8	190.3	202.3	214.1	226.1	237.9	186.3	134.8	83.4	31.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	457.5	457.5
2.5°	602.6	612.7
5°	736.1	735.9
7.5°	778.0	774.4
10°	741.4	732.1
12.5°	793.8	766.2
15°	826.7	799.1
17.5°	960.8	919.1
20°	1115.1	1065.4
22.5°	1315.2	1239.6
25°	1468.4	1377.9
27.5°	1566.1	1512.2
30°	1687.4	1625.7
32.5°	1837.6	1791.9
35°	2028.1	1986.2
37.5°	2361.8	2348.6
40°	2564.4	2548.4
42.5°	2814.3	2814.8
45°	2967.6	2977.1
47.5°	3058.0	3081.7
50°	3130.0	3180.9
52.5°	3232.9	3302.6
55°	3387.3	3479.7
57.5°	3515.7	3594.5
60°	3515.7	3556.4
62.5°	3389.2	3387.9
65°	3172.3	3152.5
67.5°	2888.5	2863.6
70°	2540.2	2501.2
72.5°	2058.9	2010.4
75°	1496.4	1429.9
77.5°	1048.0	1016.2
80°	735.9	751.3
82.5°	472.7	494.6
85°	224.9	221.5
87.5°	26.5	21.3
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0

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CATALOG NUMBER: MSA-SA1B-750-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

(END OF REPORT)