

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: P366942

Luminaire Tested: **MSA-SA1C-750-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P366942
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-SA1C-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: 5373 lumens
Efficiency: N/A
Efficacy: 91.1 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): 59
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



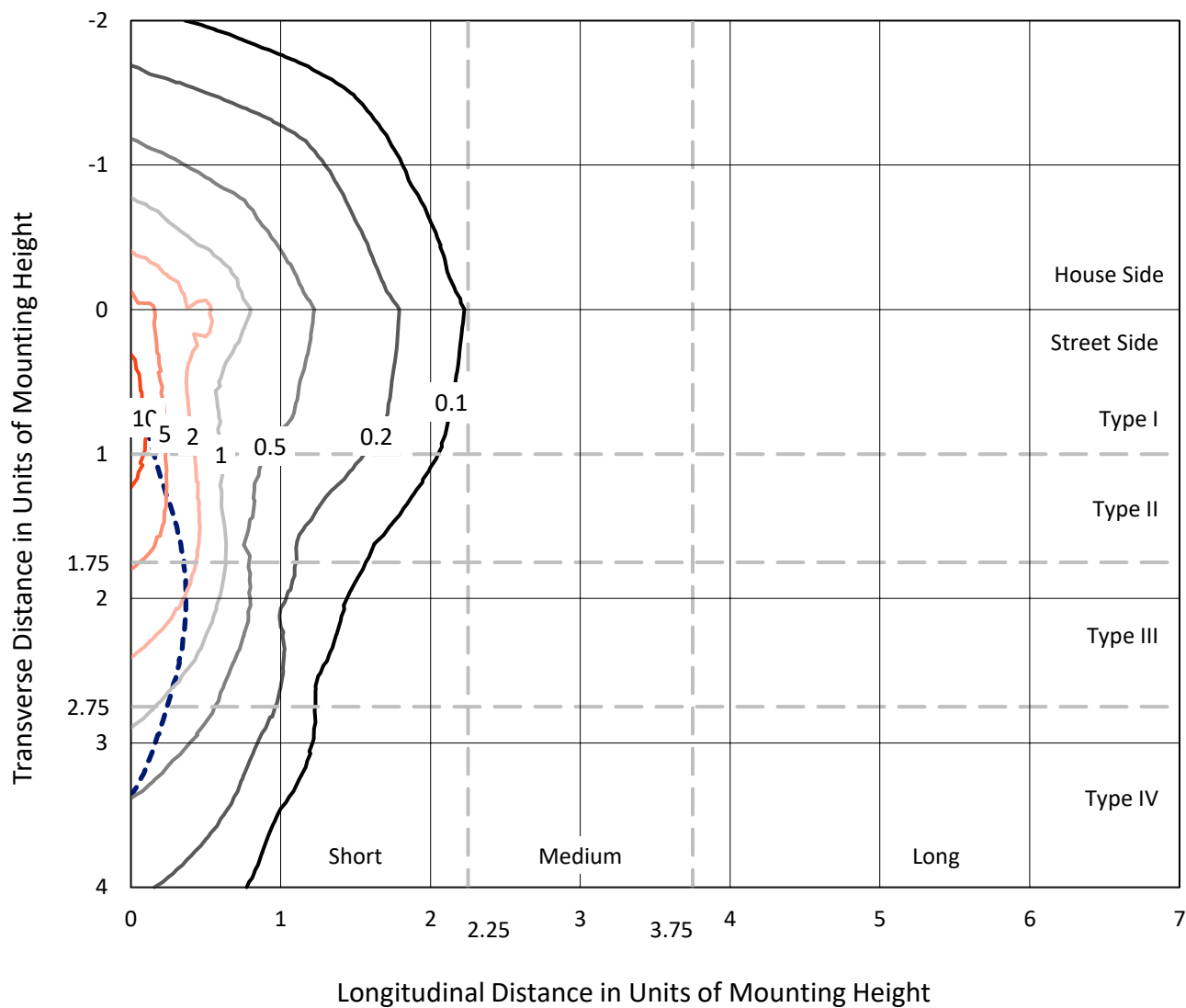
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



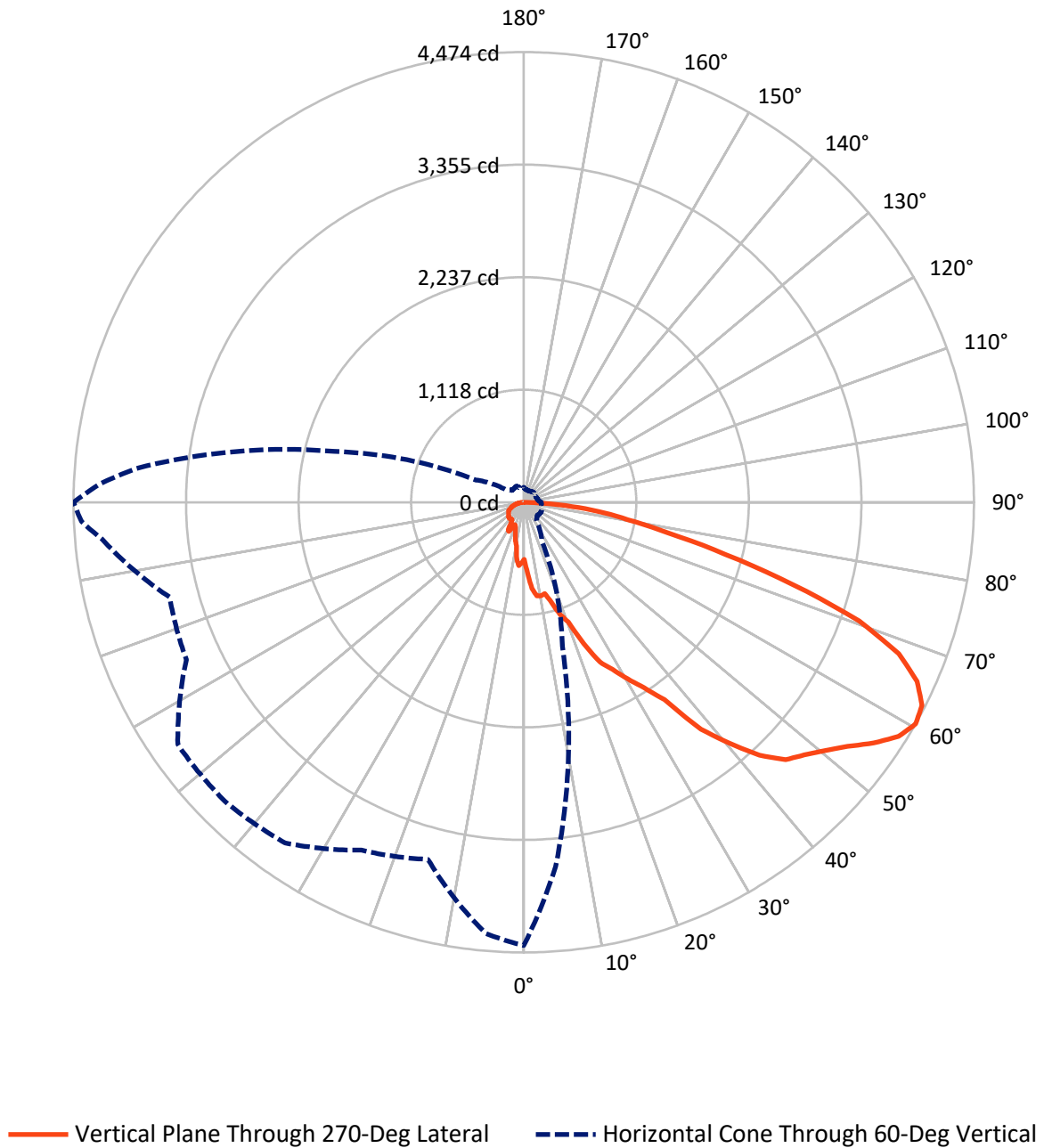
Based on 10 foot mounting height. Maximum calculated value = 14.3 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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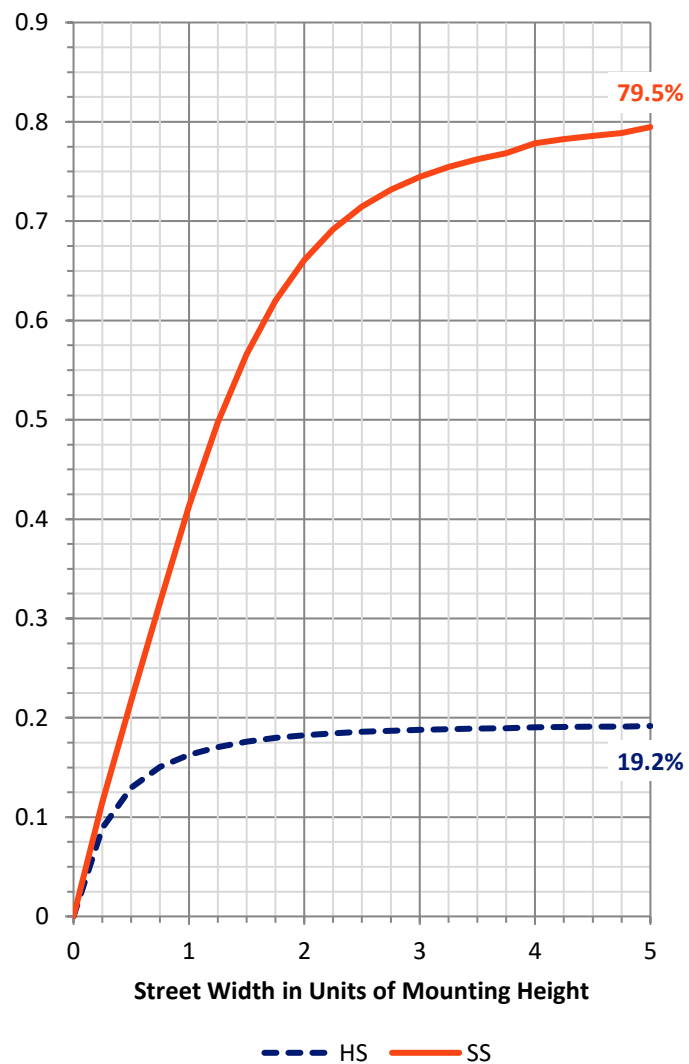
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1040.6	0.0	1040.6
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	4332.4	0.0	4332.4
	% Fixture	80.6	0.0	80.6
Total	Lumens	5373.0	0.0	5373.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.0	1.2
10°-20°	188.8	3.5
20°-30°	333.3	6.2
30°-40°	519.1	9.7
40°-50°	854.6	15.9
50°-60°	1219.8	22.7
60°-70°	1293.4	24.1
70°-80°	714.4	13.3
80°-90°	184.8	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°	5373.0	100.0
0°-180°	5373.0	100.0

Coefficient of Utilization



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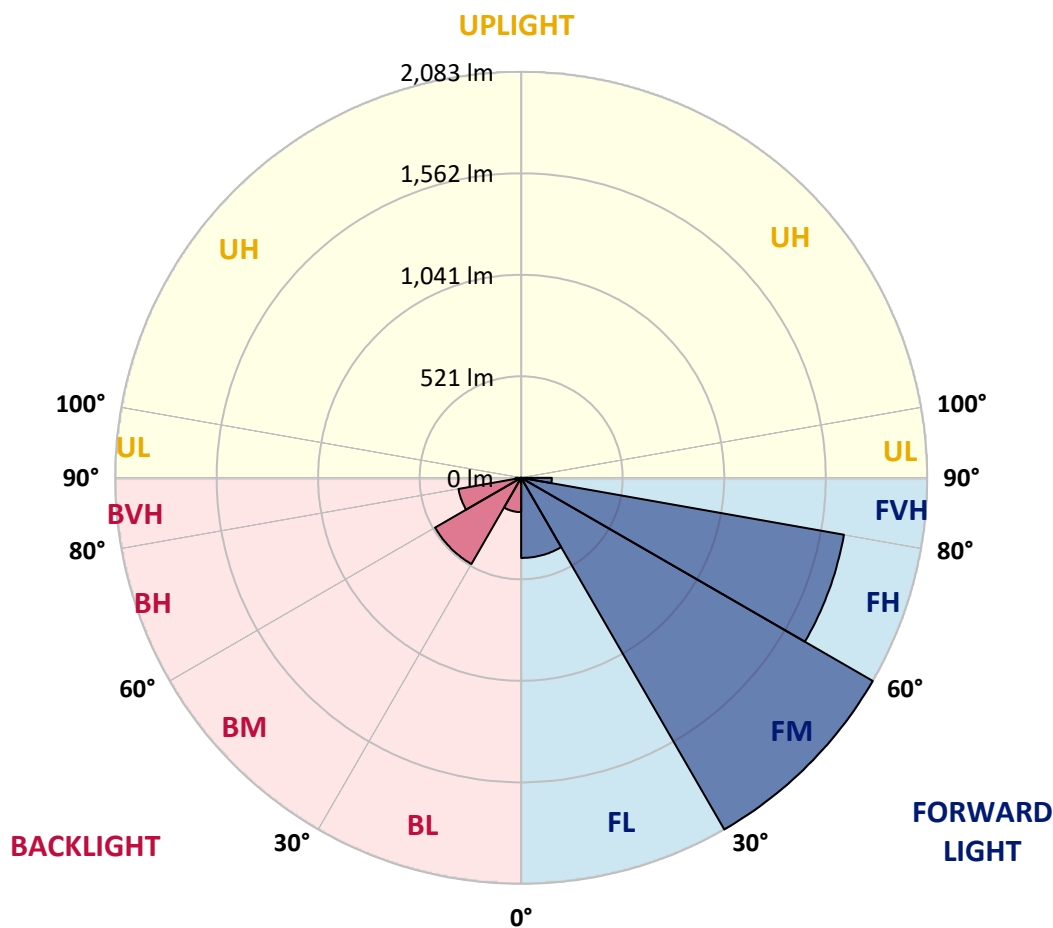
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	411.1	7.7			
FM	(30°-60°)	2082.9	38.8			
FH	(60°-80°)	1681.2	31.3			G1/1800
FVH	(80°-90°)	157.1	2.9			G2/225
BL	(0°-30°)	175.9	3.3	B1/500		
BM	(30°-60°)	510.5	9.5	B1/1000		
BH	(60°-80°)	326.5	6.1	B1/500		G1/500
BVH	(80°-90°)	27.7	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°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	758.9	763.6	768.0	759.2	750.3	741.2	732.3	719.0	705.5	692.2	678.6
5°	911.5	894.3	876.8	869.8	863.0	855.9	848.9	842.4	835.9	829.1	822.6
7.5°	959.2	934.7	909.9	899.5	889.1	878.4	867.9	844.5	821.0	797.3	773.8
10°	906.8	881.2	855.4	845.2	834.8	824.6	814.2	785.5	757.1	728.4	699.7
12.5°	949.0	923.0	896.6	864.3	831.9	799.3	767.0	751.1	735.2	719.0	703.1
15°	989.7	954.5	919.0	886.7	854.4	821.8	789.4	757.6	725.8	694.0	662.2
17.5°	1138.4	1079.7	1021.0	962.6	903.9	845.5	786.8	750.1	713.0	676.2	639.2
20°	1319.6	1238.0	1156.1	1067.4	978.5	889.8	800.9	754.5	708.3	661.9	615.5
22.5°	1535.3	1432.3	1329.3	1217.4	1105.5	993.4	881.5	814.2	746.9	679.4	612.1
25°	1706.7	1607.6	1508.4	1366.6	1224.7	1082.8	941.0	864.5	788.1	711.5	635.0
27.5°	1873.0	1715.3	1557.2	1394.7	1232.5	1070.0	907.6	836.9	766.2	695.5	624.9
30°	2013.6	1888.4	1763.2	1551.2	1339.2	1126.9	914.9	828.0	741.2	654.3	567.5
32.5°	2219.4	2040.7	1861.8	1640.7	1419.5	1198.4	977.2	866.1	755.0	643.9	532.8
35°	2460.1	2274.4	2088.7	1815.1	1541.8	1268.3	994.7	877.1	759.2	641.6	523.7
37.5°	2908.9	2581.6	2254.1	1955.5	1656.8	1358.0	1059.4	922.7	786.0	649.1	512.5
40°	3156.4	2853.9	2551.4	2179.2	1807.1	1434.6	1062.5	922.7	782.7	642.9	502.8
42.5°	3486.3	3103.7	2720.9	2318.5	1916.3	1513.9	1111.5	956.6	801.7	646.5	491.6
45°	3687.4	3261.0	2834.3	2404.3	1974.2	1544.2	1114.1	956.9	799.6	642.3	485.1
47.5°	3817.0	3407.6	2997.9	2534.9	2072.0	1608.9	1145.9	979.0	811.9	645.0	477.8
50°	3939.9	3534.3	3128.5	2647.9	2167.5	1686.8	1206.2	1023.9	841.6	659.0	476.7
52.5°	4090.6	3717.1	3343.4	2827.8	2312.0	1796.4	1280.5	1082.0	883.6	685.1	486.6
55°	4309.9	3941.9	3573.7	3020.3	2466.6	1913.2	1359.5	1139.2	919.0	698.7	478.3
57.5°	4452.1	4078.9	3705.7	3141.3	2576.9	2012.3	1447.9	1203.8	959.7	715.4	471.3
60°	4404.9	4019.9	3634.7	3096.7	2558.7	2020.7	1482.6	1219.0	955.6	691.9	428.2
62.5°	4196.2	3787.0	3377.8	2895.9	2414.2	1932.2	1450.3	1182.2	914.4	646.3	378.2
65°	3904.6	3481.6	3058.4	2623.6	2188.9	1754.1	1319.4	1076.0	832.5	589.1	345.6
67.5°	3546.8	3105.8	2664.6	2279.6	1894.7	1509.5	1124.6	921.1	718.0	514.6	311.1
70°	3098.0	2664.6	2231.1	1898.1	1565.0	1232.0	899.0	745.9	593.1	440.0	286.9
72.5°	2490.1	2116.1	1742.1	1480.0	1217.9	955.8	693.7	587.3	481.2	374.8	268.4
75°	1771.1	1551.2	1331.4	1127.4	923.5	719.3	515.3	446.5	377.6	308.8	239.9
77.5°	1258.6	1129.0	999.4	839.5	679.6	519.8	359.9	319.5	279.3	238.9	198.5
80°	930.5	822.3	714.1	593.6	473.1	352.6	232.1	212.3	192.7	172.9	153.1
82.5°	612.6	563.8	514.8	419.4	323.9	228.5	133.0	125.7	118.4	111.1	103.8
85°	274.4	289.7	304.9	246.5	187.8	129.4	70.7	67.3	63.9	60.5	57.1
87.5°	26.3	38.9	51.4	44.1	36.5	29.2	21.6	21.4	21.4	21.1	20.9
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



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CATALOG NUMBER: MSA-SA1C-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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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	682.2	685.9	689.5	693.2	689.3	685.4	681.2	677.3	672.3	667.4	662.2
5°	811.6	800.4	789.4	778.2	761.5	744.8	727.9	711.2	709.1	706.8	704.7
7.5°	753.2	732.8	712.2	691.6	665.6	639.7	613.7	587.6	579.8	571.9	564.1
10°	685.9	671.8	658.0	643.9	627.7	611.6	595.1	579.0	557.6	535.9	514.6
12.5°	680.2	657.2	634.0	611.0	601.1	591.2	581.3	571.4	552.6	533.9	514.8
15°	643.6	624.9	606.4	587.6	573.2	558.9	544.5	530.2	515.1	499.7	484.6
17.5°	617.8	596.4	575.1	553.7	537.2	520.8	504.1	487.7	469.4	450.9	432.7
20°	591.0	566.7	542.2	517.7	496.8	476.2	455.4	434.5	414.4	394.6	374.5
22.5°	580.0	547.9	515.9	483.8	461.9	439.7	417.8	395.6	377.1	358.6	340.1
25°	596.7	558.6	520.3	482.0	452.5	422.8	393.3	363.6	348.2	332.8	317.1
27.5°	577.1	529.2	481.4	433.4	401.9	370.1	338.5	306.7	304.3	302.0	299.4
30°	517.2	466.8	416.5	366.2	337.2	308.0	279.1	249.8	244.4	238.6	233.2
32.5°	481.4	430.1	378.7	327.3	301.5	275.4	249.6	223.5	217.2	211.0	204.7
35°	467.9	412.1	356.2	300.4	278.3	256.1	233.9	211.8	207.3	203.2	198.7
37.5°	456.9	401.6	346.1	290.5	269.1	247.8	226.1	204.7	201.3	197.9	194.6
40°	446.5	390.4	334.1	277.7	258.7	239.9	220.9	201.9	199.8	197.7	195.3
42.5°	437.1	382.6	327.8	273.3	256.4	239.7	222.7	205.8	203.7	201.6	199.5
45°	431.9	378.7	325.5	272.3	260.0	247.8	235.2	223.0	218.0	213.1	207.9
47.5°	428.0	378.2	328.3	278.5	265.8	253.0	240.2	227.4	223.0	218.5	213.9
50°	428.7	381.0	333.0	285.1	269.7	254.0	238.6	223.0	222.5	221.9	221.4
52.5°	435.8	385.2	334.3	283.5	266.8	250.1	233.2	216.5	219.9	223.0	226.4
55°	425.6	372.9	320.0	267.3	251.4	235.8	219.9	203.9	208.4	212.5	217.0
57.5°	414.1	357.0	299.9	242.8	230.8	218.8	206.6	194.6	199.2	204.2	208.9
60°	376.1	323.9	271.8	219.6	211.5	203.4	195.3	187.3	189.3	191.4	193.5
62.5°	334.3	290.3	246.5	202.4	196.1	189.6	183.3	176.8	176.8	177.1	177.1
65°	307.7	269.9	232.1	194.3	187.3	180.2	172.9	165.9	164.8	163.8	162.7
67.5°	281.1	251.4	221.4	191.4	181.3	171.3	161.2	151.0	149.7	148.7	147.4
70°	260.3	233.7	207.1	180.5	169.0	157.8	146.3	134.8	133.8	133.0	132.0
72.5°	243.3	218.5	193.5	168.5	156.5	144.2	132.2	120.0	119.2	118.4	117.4
75°	217.8	195.9	173.7	151.5	139.8	128.3	116.6	104.8	103.8	103.0	102.0
77.5°	180.2	161.7	143.4	124.9	115.8	106.9	97.8	88.7	88.1	87.6	86.8
80°	138.7	124.4	109.8	95.5	89.5	83.2	77.2	70.9	70.7	70.4	69.9
82.5°	95.2	86.6	78.0	69.4	64.9	60.2	55.8	51.1	51.4	51.6	51.9
85°	54.2	51.1	48.2	45.1	41.5	38.1	34.4	30.8	31.6	32.3	32.9
87.5°	19.8	18.8	17.7	16.7	14.9	13.3	11.5	9.6	10.2	11.0	11.5
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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CATALOG NUMBER: MSA-SA1C-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: P366942

CATALOG NUMBER: MSA-SA1C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	657.2	649.4	641.6	633.7	625.9	609.7	593.8	577.7	561.5	571.4	581.6
5°	702.3	689.0	675.5	662.2	648.6	641.0	633.5	625.9	618.3	622.3	626.4
7.5°	556.3	548.5	540.4	532.5	524.5	521.1	517.9	514.6	511.2	520.8	530.5
10°	492.9	482.0	471.0	459.8	448.8	442.3	435.8	429.3	422.8	425.4	428.0
12.5°	496.0	479.9	463.7	447.5	431.4	421.7	412.1	402.4	392.8	395.1	397.5
15°	469.2	452.5	435.8	419.1	402.4	391.2	379.7	368.5	357.0	353.1	348.9
17.5°	414.1	395.9	377.6	359.4	341.1	333.6	326.0	318.4	310.9	306.7	302.5
20°	354.4	337.5	320.5	303.6	286.6	281.4	276.2	270.7	265.5	262.9	260.0
22.5°	321.6	311.1	300.4	290.0	279.3	273.3	267.6	261.6	255.6	252.7	249.6
25°	301.7	303.8	306.2	308.3	310.3	307.7	304.9	302.3	299.4	300.4	301.2
27.5°	297.0	301.5	306.2	310.6	315.0	317.4	319.7	322.1	324.4	325.2	326.0
30°	227.4	229.8	231.8	234.2	236.3	242.8	249.3	255.6	262.1	272.3	282.7
32.5°	198.5	197.7	196.9	195.9	195.1	196.6	198.2	199.5	201.1	204.7	208.6
35°	194.3	192.5	190.4	188.6	186.5	187.3	188.0	188.8	189.6	192.5	195.3
37.5°	191.2	190.4	189.9	189.1	188.3	190.1	191.7	193.5	195.1	197.4	199.8
40°	193.3	193.0	192.7	192.2	191.9	193.0	194.0	195.1	196.1	199.2	202.4
42.5°	197.4	197.4	197.2	197.2	196.9	197.9	198.7	199.8	200.6	202.4	204.2
45°	202.9	202.4	202.1	201.6	201.1	200.8	200.8	200.6	200.3	201.3	202.6
47.5°	209.4	207.6	205.5	203.7	201.6	201.1	200.3	199.8	199.0	199.5	200.0
50°	220.9	215.9	211.2	206.3	201.3	200.0	198.7	197.4	196.1	195.9	195.9
52.5°	229.5	222.2	214.9	207.6	200.3	197.9	195.6	193.3	190.9	190.4	190.1
55°	221.2	215.7	210.5	205.0	199.5	196.1	192.5	189.1	185.4	184.6	183.9
57.5°	213.6	210.2	206.8	203.4	200.0	196.6	193.0	189.6	185.9	184.1	182.3
60°	195.6	195.6	195.9	195.9	195.9	192.2	188.6	184.9	181.3	179.4	177.9
62.5°	177.1	179.9	182.6	185.4	188.0	183.1	177.9	172.9	167.7	166.4	165.3
65°	161.7	162.5	163.5	164.3	165.1	161.2	157.3	153.3	149.4	148.7	147.6
67.5°	146.0	145.8	145.5	145.0	144.7	142.4	139.8	137.4	134.8	133.8	132.7
70°	130.9	130.7	130.4	129.9	129.6	127.5	125.4	123.4	121.3	120.5	119.7
72.5°	116.6	116.3	115.8	115.5	115.0	113.2	111.6	109.8	108.0	106.9	105.9
75°	100.9	100.4	99.9	99.4	98.8	97.3	95.7	93.9	92.3	91.3	90.2
77.5°	86.3	85.5	84.8	83.7	82.9	81.6	80.1	78.8	77.2	75.9	74.8
80°	69.6	69.1	68.6	67.8	67.3	66.0	64.7	63.1	61.8	60.2	58.9
82.5°	52.2	51.9	51.4	51.1	50.6	49.3	48.0	46.7	45.4	43.8	42.2
85°	33.6	33.4	33.1	32.9	32.6	31.6	30.8	29.7	28.7	27.1	25.8
87.5°	12.0	11.5	11.2	10.7	10.2	9.9	9.4	9.1	8.6	7.8	7.0
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: P366942

CATALOG NUMBER: MSA-SA1C-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: P366942

CATALOG NUMBER: MSA-SA1C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	591.5	601.4	601.7	601.7	606.4	610.8	601.7	592.5	583.1	574.0	564.9
5°	630.3	634.3	633.2	631.9	626.2	620.4	614.4	608.4	602.4	596.4	596.7
7.5°	540.1	549.8	557.6	565.1	557.8	550.5	546.6	542.7	538.8	534.9	534.4
10°	430.3	432.9	436.1	438.9	434.5	429.8	437.6	445.4	453.0	460.8	452.2
12.5°	399.8	402.1	396.7	390.9	389.1	387.3	385.5	383.4	381.5	379.5	378.4
15°	345.0	340.9	336.7	332.3	331.2	329.9	328.6	327.0	325.7	324.2	319.5
17.5°	298.4	294.2	287.1	279.8	277.0	273.8	273.1	272.3	271.2	270.4	266.0
20°	257.4	254.5	252.7	250.6	247.8	244.9	242.0	239.2	236.0	233.2	229.0
22.5°	246.7	243.6	241.2	238.6	238.1	237.6	232.4	226.9	221.7	216.2	213.9
25°	302.3	303.0	288.7	274.1	272.8	271.5	262.1	252.5	243.1	233.4	225.3
27.5°	326.5	327.3	326.8	326.3	322.1	317.7	301.7	285.6	269.7	253.5	242.0
30°	292.9	303.0	307.0	310.9	308.0	304.9	288.2	271.8	255.1	238.4	230.8
32.5°	212.3	215.9	222.5	228.7	232.1	235.2	230.0	224.8	219.6	214.4	213.1
35°	197.9	200.8	202.1	203.4	201.3	199.2	195.3	191.4	187.3	183.3	182.6
37.5°	201.9	204.2	206.8	209.4	203.7	197.7	193.3	189.1	184.6	180.2	176.6
40°	205.5	208.6	210.2	211.8	206.0	200.3	194.8	189.6	184.1	178.6	175.0
42.5°	206.0	207.9	210.7	213.6	205.5	197.2	192.2	187.0	182.0	176.8	173.2
45°	203.7	204.7	207.3	209.9	200.6	190.9	186.5	181.8	177.3	172.6	169.5
47.5°	200.3	200.8	202.9	204.7	194.8	184.6	180.5	176.3	171.9	167.7	164.6
50°	195.6	195.3	196.9	198.2	188.0	177.9	173.7	169.8	165.6	161.4	158.8
52.5°	189.6	189.1	190.6	191.9	181.3	170.6	166.9	163.5	159.9	156.2	154.1
55°	182.8	182.0	183.3	184.6	174.2	163.5	160.4	157.0	153.9	150.5	148.7
57.5°	180.2	178.4	179.2	179.9	168.2	156.5	153.3	150.2	147.1	144.0	142.7
60°	176.0	174.2	175.0	175.5	163.0	150.2	147.4	144.2	141.4	138.2	136.9
62.5°	164.0	162.7	163.8	164.8	153.6	142.1	139.5	137.2	134.6	132.0	130.1
65°	146.8	145.8	147.9	150.0	140.3	130.7	129.1	127.5	125.7	124.1	122.3
67.5°	131.7	130.7	132.7	134.8	127.8	120.7	119.2	117.6	116.1	114.5	113.4
70°	118.9	118.1	120.0	121.8	115.8	109.8	108.2	106.9	105.4	103.8	103.0
72.5°	104.6	103.5	105.9	108.0	103.0	97.8	96.5	94.9	93.6	92.1	91.5
75°	89.2	88.1	90.2	92.1	88.7	85.0	83.7	82.4	81.1	79.8	79.5
77.5°	73.5	72.2	74.3	76.2	74.1	71.7	70.7	69.4	68.3	67.0	67.0
80°	57.4	55.8	57.4	58.7	57.9	57.1	56.3	55.3	54.5	53.5	53.7
82.5°	40.7	39.1	39.9	40.7	41.2	41.7	41.7	41.7	41.7	41.7	41.7
85°	24.3	22.7	23.0	23.2	24.0	24.8	25.0	25.3	25.6	25.8	26.1
87.5°	6.3	5.5	5.0	4.2	5.0	5.5	6.0	6.3	6.8	7.0	7.0
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: P366942

CATALOG NUMBER: MSA-SA1C-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: P366942

CATALOG NUMBER: MSA-SA1C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	555.8	546.4	537.2	543.0	548.5	554.2	559.7	559.9	559.9	560.2	560.2
5°	597.2	597.5	597.7	592.3	587.1	581.6	576.1	573.2	570.4	567.2	564.4
7.5°	533.6	533.1	532.3	527.1	521.9	516.6	511.4	498.9	486.1	473.6	460.8
10°	443.4	434.7	425.9	423.8	422.0	419.9	417.8	414.4	411.3	407.9	404.5
12.5°	377.4	376.3	375.3	369.8	364.3	358.6	353.1	353.1	353.1	353.1	353.1
15°	314.5	309.8	304.9	302.3	299.4	296.8	293.9	292.6	291.3	290.0	288.7
17.5°	261.3	256.9	252.2	251.7	251.1	250.6	250.1	248.8	247.5	246.2	244.9
20°	224.8	220.6	216.5	218.0	219.6	220.9	222.5	221.2	219.9	218.3	217.0
22.5°	211.2	208.9	206.3	205.0	203.7	202.1	200.8	200.8	201.1	201.1	201.1
25°	217.5	209.4	201.3	197.4	193.5	189.3	185.4	183.9	182.6	181.0	179.4
27.5°	230.5	218.8	207.3	200.6	193.8	187.0	180.2	177.3	174.2	171.3	168.2
30°	223.0	215.4	207.6	199.8	191.9	184.1	176.3	172.6	169.0	165.1	161.4
32.5°	211.8	210.2	208.9	201.6	194.3	186.7	179.4	177.9	176.6	175.0	173.4
35°	181.5	180.7	179.7	177.9	176.0	174.2	172.4	170.3	168.2	166.1	164.0
37.5°	173.2	169.5	165.9	165.1	164.3	163.5	162.7	162.0	161.2	160.1	159.3
40°	171.3	167.7	164.0	162.7	161.4	159.9	158.6	158.8	159.3	159.6	159.9
42.5°	169.3	165.6	161.7	160.7	159.6	158.6	157.5	157.8	158.3	158.6	158.8
45°	166.6	163.5	160.4	158.6	157.0	155.2	153.3	154.9	156.5	157.8	159.3
47.5°	161.4	158.0	154.9	153.9	152.8	151.5	150.5	152.0	153.6	154.9	156.5
50°	156.0	153.3	150.5	150.2	150.0	149.4	149.2	150.2	151.3	152.3	153.3
52.5°	151.8	149.7	147.4	147.4	147.1	147.1	146.8	147.9	148.9	149.7	150.7
55°	147.1	145.3	143.4	143.7	144.2	144.5	144.7	145.8	147.1	148.1	149.2
57.5°	141.1	139.8	138.2	139.3	140.0	141.1	141.9	142.7	143.7	144.5	145.3
60°	135.4	134.0	132.5	133.5	134.8	135.9	136.9	137.7	138.5	139.3	140.0
62.5°	128.3	126.2	124.4	126.0	127.3	128.8	130.1	130.7	131.4	132.0	132.5
65°	120.7	118.9	117.1	118.1	119.2	120.0	121.0	121.8	122.6	123.4	124.1
67.5°	112.1	111.1	109.8	110.6	111.4	112.1	112.9	113.2	113.2	113.4	113.4
70°	102.0	101.2	100.1	100.7	101.4	102.0	102.5	102.5	102.5	102.2	102.2
72.5°	91.3	90.8	90.2	90.5	91.0	91.3	91.5	91.3	91.0	90.8	90.5
75°	79.3	79.0	78.8	79.0	79.5	79.8	80.1	79.8	79.3	79.0	78.5
77.5°	67.3	67.3	67.3	67.3	67.5	67.5	67.5	67.0	66.5	66.0	65.5
80°	54.0	54.2	54.5	54.5	54.5	54.5	54.5	54.0	53.5	52.7	52.2
82.5°	41.7	41.7	41.7	41.7	42.0	42.0	42.0	40.7	39.6	38.3	37.0
85°	26.1	26.3	26.3	26.6	26.9	26.9	27.1	25.3	23.7	21.9	20.1
87.5°	7.0	7.0	7.0	7.0	7.0	6.8	6.8	5.2	3.4	1.8	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: P366942

CATALOG NUMBER: MSA-SA1C-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: P366942

CATALOG NUMBER: MSA-SA1C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	561.8	563.3	564.6	566.2	566.5	566.7	566.7	567.0	561.5	556.0	550.3
5°	568.3	571.9	575.8	579.5	578.7	577.9	577.1	576.4	574.8	573.5	571.9
7.5°	458.0	455.4	452.5	449.6	452.0	454.3	456.7	459.0	460.0	461.1	461.9
10°	398.0	391.5	384.9	378.4	374.8	370.9	367.2	363.3	362.8	362.5	362.0
12.5°	346.3	339.3	332.5	325.5	323.4	321.0	319.0	316.6	318.7	320.8	322.6
15°	285.8	283.2	280.4	277.5	279.8	282.2	284.5	286.9	289.0	290.8	292.9
17.5°	243.6	242.5	241.2	239.9	242.0	244.4	246.5	248.5	253.2	257.9	262.6
20°	215.9	215.2	214.1	213.1	212.3	211.2	210.5	209.4	216.2	222.7	229.5
22.5°	199.5	197.9	196.4	194.8	195.1	195.3	195.3	195.6	201.1	206.8	212.3
25°	178.9	178.4	177.9	177.3	178.9	180.5	181.8	183.3	188.3	193.3	197.9
27.5°	168.5	168.7	169.0	169.3	171.3	173.7	175.8	177.9	181.3	184.6	188.0
30°	162.7	164.3	165.6	166.9	167.7	168.5	169.3	170.0	173.4	176.6	179.9
32.5°	171.3	169.3	166.9	164.8	165.9	167.2	168.2	169.3	172.4	175.5	178.6
35°	163.3	162.2	161.4	160.4	161.7	163.0	164.0	165.3	168.2	170.8	173.7
37.5°	159.1	158.8	158.6	158.3	159.1	159.9	160.4	161.2	163.8	166.4	168.7
40°	158.8	157.5	156.5	155.2	156.0	156.7	157.3	158.0	161.2	164.3	167.4
42.5°	157.3	155.7	153.9	152.3	153.1	154.1	154.9	155.7	159.1	162.2	165.6
45°	157.0	154.7	152.0	149.7	150.7	151.8	152.8	153.9	156.5	159.1	161.4
47.5°	154.1	151.8	149.4	147.1	147.6	148.1	148.4	148.9	151.3	153.3	155.7
50°	151.8	150.0	148.4	146.6	145.8	145.3	144.5	143.7	145.5	147.4	149.2
52.5°	148.9	147.1	145.0	143.2	142.1	141.1	140.0	139.0	140.6	141.9	143.4
55°	147.1	144.7	142.7	140.3	139.0	137.7	136.4	135.1	136.1	136.9	138.0
57.5°	143.2	141.1	138.7	136.7	135.1	133.5	131.7	130.1	130.7	131.2	131.7
60°	138.0	135.6	133.5	131.2	129.4	127.5	125.4	123.6	123.9	124.4	124.7
62.5°	130.4	128.3	126.0	123.9	121.8	120.0	117.9	115.8	116.3	116.6	117.1
65°	122.1	119.7	117.6	115.3	113.4	111.6	109.5	107.7	108.2	108.8	109.0
67.5°	111.9	110.1	108.5	106.7	105.1	103.3	101.7	99.9	100.1	100.4	100.7
70°	100.9	99.4	98.1	96.5	95.2	93.9	92.6	91.3	91.3	91.5	91.5
72.5°	89.2	87.9	86.6	85.3	84.0	82.9	81.6	80.3	80.8	81.4	81.6
75°	77.2	76.2	74.8	73.5	72.5	71.5	70.2	69.1	69.6	70.2	70.4
77.5°	64.7	63.9	62.9	62.1	61.0	60.0	58.7	57.6	58.2	58.7	58.9
80°	51.6	51.1	50.3	49.8	48.8	47.7	46.7	45.6	45.9	45.9	46.2
82.5°	37.3	37.6	37.6	37.8	37.0	36.0	35.2	34.2	34.2	34.2	33.9
85°	20.9	21.9	22.7	23.5	22.7	21.9	21.1	20.3	20.1	20.1	19.8
87.5°	0.8	1.3	2.1	2.6	2.3	2.1	1.6	1.3	1.6	1.8	1.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366942

CATALOG NUMBER: MSA-SA1C-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: P366942

CATALOG NUMBER: MSA-SA1C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	544.8	549.2	553.7	558.1	562.5	569.3	576.1	583.1	590.2	586.3	582.1
5°	570.4	573.0	575.8	578.4	581.1	588.6	595.9	605.0	613.9	612.9	611.6
7.5°	462.9	466.6	470.2	473.6	477.3	488.7	500.2	509.9	519.5	518.2	516.6
10°	361.5	369.0	376.9	384.4	392.0	401.4	410.5	418.6	426.7	440.2	453.5
12.5°	324.7	336.4	348.2	359.9	371.6	378.4	384.9	395.4	405.8	413.1	420.7
15°	294.7	305.7	316.6	327.6	338.5	339.0	339.6	350.5	361.5	367.7	373.7
17.5°	267.3	273.3	279.3	285.1	291.0	289.0	286.9	292.1	297.0	299.7	302.5
20°	236.0	240.2	244.4	248.5	252.7	255.6	258.2	261.3	264.2	261.6	258.7
22.5°	217.8	224.0	230.5	236.8	243.1	244.9	246.5	244.6	242.8	242.0	241.2
25°	202.9	210.5	218.3	225.9	233.4	237.1	240.7	242.3	243.6	240.7	237.8
27.5°	191.4	200.6	209.4	218.5	227.4	233.9	240.5	242.3	243.8	241.8	239.4
30°	183.1	193.0	202.9	212.8	222.7	232.6	242.3	250.9	259.2	258.4	257.7
32.5°	181.8	188.6	195.3	202.1	208.9	215.2	221.2	221.7	221.9	219.9	217.5
35°	176.3	180.7	185.2	189.6	194.0	197.9	201.6	201.1	200.6	198.5	196.4
37.5°	171.3	175.8	180.5	184.9	189.3	196.1	202.6	201.3	199.8	197.7	195.6
40°	170.6	175.5	180.5	185.2	190.1	196.4	202.6	201.3	200.0	197.4	194.8
42.5°	168.7	173.7	178.4	183.3	188.0	195.6	202.9	200.6	197.9	195.9	193.8
45°	164.0	168.5	172.9	177.3	181.8	189.9	197.9	195.1	192.2	191.4	190.4
47.5°	157.8	162.2	166.6	171.1	175.5	183.6	191.4	189.1	186.5	186.2	185.7
50°	151.0	155.2	159.6	163.8	168.0	176.0	183.9	181.8	179.7	179.9	179.9
52.5°	144.7	148.7	152.3	156.2	159.9	168.0	175.8	174.2	172.4	172.9	173.2
55°	138.7	141.9	145.0	148.1	151.3	159.1	166.9	164.6	162.2	163.0	163.8
57.5°	132.2	134.8	137.4	139.8	142.4	150.2	157.8	155.2	152.3	153.6	154.7
60°	124.9	127.3	129.6	131.7	134.0	141.1	147.9	145.5	142.9	144.7	146.3
62.5°	117.4	119.2	121.0	122.8	124.7	131.2	137.7	135.9	134.0	136.1	138.0
65°	109.5	110.8	112.4	113.7	115.0	121.3	127.3	126.0	124.7	126.5	128.3
67.5°	100.9	102.0	103.3	104.3	105.4	111.1	116.8	115.5	114.0	115.5	116.8
70°	91.5	92.6	93.4	94.4	95.2	100.4	105.6	103.8	101.7	103.3	104.6
72.5°	82.2	82.7	83.5	84.0	84.5	88.4	92.3	90.8	89.2	90.8	92.1
75°	70.9	71.5	72.0	72.5	73.0	76.4	79.5	77.7	75.6	77.2	78.8
77.5°	59.5	59.7	60.2	60.5	60.8	63.1	65.2	63.4	61.3	63.1	64.9
80°	46.2	46.4	46.7	46.7	46.9	47.7	48.5	47.2	45.6	48.0	50.3
82.5°	33.9	33.6	33.6	33.4	33.1	33.1	32.9	32.1	31.0	33.1	35.2
85°	19.6	19.3	18.8	18.5	18.0	17.2	16.4	16.2	15.9	17.7	19.6
87.5°	2.1	1.8	1.3	1.0	0.5	0.3	0.0	0.0	0.0	1.0	2.3
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: P366942

CATALOG NUMBER: MSA-SA1C-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: P366942

CATALOG NUMBER: MSA-SA1C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	578.2	574.0	570.1	566.2	562.3	558.4	565.7	573.0	580.3	587.6	594.1
5°	610.5	609.2	605.8	602.7	599.3	595.9	597.7	599.8	601.7	603.5	607.4
7.5°	515.3	513.8	521.1	528.1	535.4	542.5	544.3	545.8	547.7	549.2	548.2
10°	467.1	480.4	483.8	486.9	490.3	493.4	498.6	503.9	508.8	514.0	516.9
12.5°	428.0	435.3	447.3	459.5	471.5	483.5	491.3	499.2	507.0	514.8	531.0
15°	380.0	386.0	395.1	404.2	413.4	422.5	433.7	445.2	456.4	467.6	485.3
17.5°	305.1	307.7	314.5	321.3	327.8	334.6	349.7	364.6	379.7	394.6	414.9
20°	256.1	253.2	253.2	253.5	253.5	253.5	268.6	283.5	298.6	313.5	340.3
22.5°	240.2	239.4	236.5	233.4	230.5	227.4	235.2	243.3	251.1	259.0	280.9
25°	234.7	231.8	228.2	224.5	220.9	217.2	222.2	227.2	232.1	237.1	254.3
27.5°	237.3	235.0	236.8	238.4	240.2	241.8	243.3	244.9	246.5	248.0	254.0
30°	256.9	256.1	259.0	261.6	264.4	267.1	263.4	260.0	256.4	252.7	254.8
32.5°	215.4	213.1	212.0	211.0	209.9	208.9	208.6	208.4	207.9	207.6	212.3
35°	194.3	192.2	190.6	189.1	187.3	185.7	186.5	187.0	187.8	188.3	193.5
37.5°	193.5	191.4	189.6	187.8	185.7	183.9	184.6	185.7	186.5	187.3	191.2
40°	192.2	189.6	188.6	187.5	186.5	185.4	185.9	186.5	186.7	187.3	190.1
42.5°	191.4	189.3	188.8	188.3	187.8	187.3	187.8	188.3	188.6	189.1	192.5
45°	189.6	188.6	189.1	189.6	190.1	190.6	190.6	190.6	190.6	190.6	194.3
47.5°	185.4	184.9	186.5	188.0	189.6	191.2	193.8	196.4	198.7	201.3	202.1
50°	180.2	180.2	182.8	185.4	187.8	190.4	196.6	202.6	208.9	214.9	211.0
52.5°	173.7	174.0	177.9	181.5	185.4	189.1	194.8	200.6	206.0	211.8	206.0
55°	164.3	165.1	170.0	174.7	179.7	184.4	188.8	193.3	197.7	202.1	196.1
57.5°	156.0	157.0	162.2	167.2	172.4	177.3	179.9	182.8	185.4	188.0	184.1
60°	148.1	149.7	156.5	163.3	169.8	176.6	174.5	172.4	170.0	168.0	167.7
62.5°	140.0	141.9	148.1	154.4	160.4	166.6	163.5	160.4	157.0	153.9	155.2
65°	129.9	131.7	134.6	137.4	140.0	142.9	142.7	142.7	142.4	142.1	144.7
67.5°	118.4	119.7	121.5	123.1	124.9	126.5	127.5	128.8	129.9	130.9	134.0
70°	106.1	107.4	109.3	110.8	112.7	114.2	115.5	116.8	117.9	119.2	122.3
72.5°	93.6	94.9	96.8	98.6	100.1	102.0	103.0	104.1	104.8	105.9	108.5
75°	80.3	81.9	83.7	85.3	87.1	88.7	89.5	90.2	91.0	91.8	94.1
77.5°	66.8	68.6	70.4	72.2	74.1	75.9	76.2	76.4	76.7	76.9	79.0
80°	52.4	54.8	56.6	58.4	60.2	62.1	62.1	62.1	62.1	62.1	63.1
82.5°	37.3	39.4	41.5	43.3	45.4	47.2	47.2	46.9	46.9	46.7	46.7
85°	21.4	23.2	24.5	26.1	27.4	28.7	28.7	28.7	28.4	28.4	27.9
87.5°	3.4	4.4	5.0	5.7	6.3	6.8	6.5	6.5	6.3	6.0	5.2
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: P366942

CATALOG NUMBER: MSA-SA1C-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: P366942

CATALOG NUMBER: MSA-SA1C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	600.6	607.1	613.7	612.6	611.6	610.5	609.5	613.4	617.0	621.0	624.6
5°	611.0	615.0	618.6	621.5	624.3	627.2	630.1	643.4	656.4	669.7	682.8
7.5°	547.2	545.8	544.8	557.1	569.6	581.8	594.1	611.0	628.0	645.0	661.9
10°	519.8	522.6	525.5	530.5	535.7	540.6	545.6	562.3	579.0	595.7	612.4
12.5°	546.9	563.1	579.0	582.9	587.1	591.0	594.9	598.3	601.7	604.8	608.2
15°	503.1	520.8	538.5	548.7	558.9	568.8	579.0	604.5	629.8	655.4	680.7
17.5°	435.0	455.4	475.4	500.5	525.5	550.5	575.6	599.1	622.5	645.7	669.2
20°	367.2	393.8	420.7	448.0	475.2	502.6	529.7	552.6	575.6	598.3	621.2
22.5°	302.5	324.4	346.1	379.5	412.6	446.0	479.1	521.9	564.4	607.1	649.6
25°	271.2	288.4	305.4	339.8	374.2	408.4	442.8	498.4	553.7	609.2	664.5
27.5°	260.3	266.3	272.3	303.6	334.6	365.9	396.9	456.9	516.9	576.6	636.6
30°	256.9	259.0	261.1	285.6	310.1	334.6	359.1	418.3	477.8	537.0	596.2
32.5°	216.7	221.4	225.9	249.8	273.6	297.6	321.3	381.0	440.5	500.2	559.7
35°	198.7	203.9	209.2	232.6	256.1	279.3	302.8	365.6	428.7	491.6	554.5
37.5°	195.1	199.0	202.9	229.5	256.1	282.7	309.3	372.9	436.6	500.2	563.8
40°	193.3	196.1	199.0	224.8	250.9	276.7	302.5	369.3	435.8	502.6	569.1
42.5°	195.6	199.0	202.1	225.6	248.8	272.3	295.5	364.6	433.4	502.6	571.4
45°	197.7	201.3	204.7	226.6	248.5	270.4	292.4	366.2	439.7	513.5	587.1
47.5°	202.6	203.4	203.9	223.0	241.8	260.8	279.6	354.7	429.8	504.6	579.8
50°	206.8	202.9	198.7	218.5	238.1	257.9	277.5	348.7	419.9	490.8	562.0
52.5°	200.3	194.3	188.6	209.9	231.3	252.5	273.8	345.0	416.5	487.7	558.9
55°	190.4	184.4	178.4	200.0	221.7	243.3	265.0	335.9	407.1	478.0	549.0
57.5°	180.5	176.6	172.6	190.4	208.4	226.1	243.8	320.8	397.5	474.4	551.1
60°	167.4	166.9	166.6	180.5	194.6	208.4	222.2	297.6	372.7	448.0	523.2
62.5°	156.2	157.5	158.6	169.8	181.0	191.9	203.2	275.9	348.9	421.7	494.5
65°	147.6	150.2	152.8	165.6	178.4	190.9	203.7	264.7	325.7	386.8	447.8
67.5°	137.2	140.3	143.4	160.1	176.8	193.5	210.2	260.5	310.9	361.2	411.5
70°	125.2	128.3	131.2	152.6	173.7	195.1	216.2	260.8	305.7	350.3	394.8
72.5°	111.1	113.7	116.3	139.3	162.2	185.2	208.1	245.9	283.7	321.3	359.1
75°	96.8	99.1	101.4	121.3	141.1	160.9	180.7	209.9	238.9	268.1	297.0
77.5°	80.8	82.9	84.8	98.1	111.4	124.7	138.0	160.4	182.6	205.0	227.2
80°	64.2	65.2	66.2	74.1	81.6	89.5	97.0	111.9	126.7	141.4	156.2
82.5°	46.9	46.9	46.9	51.9	57.1	62.1	67.0	74.6	81.9	89.5	96.8
85°	27.4	26.6	26.1	29.5	32.9	36.3	39.6	42.8	45.9	49.0	52.2
87.5°	4.4	3.4	2.6	4.7	6.8	8.9	11.0	12.0	13.3	14.3	15.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366942

CATALOG NUMBER: MSA-SA1C-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: P366942

CATALOG NUMBER: MSA-SA1C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	615.7	607.1	598.3	589.4	602.4	615.5	628.5	641.6	676.2	696.8	698.2
5°	693.7	704.7	715.6	726.6	737.5	748.5	759.2	770.1	826.5	861.2	867.7
7.5°	679.9	698.2	716.1	734.1	765.2	796.2	827.2	858.3	906.0	940.4	963.1
10°	634.8	657.2	679.6	702.1	738.8	775.9	812.6	849.4	900.0	945.4	967.0
12.5°	643.9	679.6	715.1	750.8	782.7	814.7	846.5	878.4	913.3	930.5	969.9
15°	705.5	730.2	755.0	779.8	827.8	875.5	923.5	971.2	991.0	1030.4	1065.9
17.5°	714.8	760.2	805.9	851.2	909.9	968.6	1027.3	1086.0	1122.7	1173.6	1216.4
20°	685.6	749.8	814.2	878.4	954.0	1029.9	1105.5	1181.1	1227.8	1270.6	1336.8
22.5°	720.6	791.5	862.2	933.1	1033.5	1133.7	1234.1	1334.2	1431.8	1527.2	1572.1
25°	759.2	854.1	948.8	1043.4	1168.9	1294.1	1419.5	1544.7	1670.1	1759.6	1811.2
27.5°	732.1	827.2	922.7	1017.9	1173.1	1328.5	1483.7	1638.8	1773.2	1880.9	1925.2
30°	713.0	829.9	946.7	1063.5	1245.6	1427.6	1609.6	1791.7	1915.8	2036.0	2101.2
32.5°	709.6	859.6	1009.3	1159.2	1371.3	1583.0	1795.1	2006.8	2089.2	2195.9	2283.8
35°	719.0	883.8	1048.4	1213.0	1456.0	1699.1	1941.9	2185.0	2302.1	2407.7	2484.6
37.5°	747.7	931.6	1115.2	1299.0	1591.9	1885.0	2177.9	2470.8	2667.2	2860.4	2894.8
40°	763.9	958.9	1153.8	1348.6	1689.2	2029.8	2370.4	2711.0	2936.8	3148.9	3163.2
42.5°	782.9	994.4	1205.7	1417.2	1794.8	2172.7	2550.3	2928.0	3207.5	3435.5	3442.3
45°	804.8	1022.3	1240.1	1457.6	1851.9	2246.0	2640.3	3034.4	3372.4	3649.3	3581.8
47.5°	813.4	1047.4	1281.0	1514.7	1935.1	2355.3	2775.7	3195.8	3499.1	3751.0	3686.4
50°	816.8	1071.9	1326.7	1581.5	2017.0	2452.8	2888.3	3323.9	3632.4	3878.0	3778.9
52.5°	837.9	1117.0	1396.0	1675.1	2128.9	2582.7	3036.5	3490.2	3793.8	4029.8	3906.7
55°	866.4	1183.8	1500.9	1818.3	2288.0	2757.4	3227.1	3696.5	4001.1	4220.7	4068.2
57.5°	892.7	1234.6	1576.3	1917.9	2404.5	2891.5	3378.1	3864.7	4173.3	4390.5	4242.6
60°	879.9	1236.7	1593.5	1950.2	2428.5	2906.6	3384.9	3862.9	4213.2	4473.7	4398.1
62.5°	841.3	1188.2	1534.8	1881.6	2335.7	2789.5	3243.5	3697.3	4107.3	4441.4	4438.0
65°	767.0	1086.2	1405.2	1724.4	2144.5	2564.9	2985.1	3405.2	3888.5	4294.3	4320.6
67.5°	676.5	941.5	1206.4	1471.4	1867.0	2262.7	2658.3	3053.9	3570.6	4018.4	4041.0
70°	588.9	783.2	977.2	1171.2	1518.6	1866.0	2213.1	2560.5	3082.4	3535.4	3556.2
72.5°	486.1	613.1	739.9	866.9	1148.3	1429.7	1710.8	1992.2	2450.4	2798.9	2916.5
75°	372.4	447.8	523.2	598.5	826.2	1053.9	1281.3	1509.0	1813.6	2070.7	2203.2
77.5°	266.3	305.4	344.5	383.6	577.1	770.7	963.9	1157.4	1317.5	1463.3	1552.8
80°	174.7	193.0	211.5	229.8	390.7	551.6	712.2	873.1	970.7	1048.9	1094.0
82.5°	105.9	115.0	123.9	133.0	263.4	393.8	523.9	654.3	710.1	747.4	787.6
85°	57.1	62.1	67.0	72.0	155.7	239.2	322.9	406.3	411.8	416.2	476.0
87.5°	16.7	18.3	19.6	20.9	34.4	48.2	61.8	75.4	46.9	29.2	60.0
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: P366942

CATALOG NUMBER: MSA-SA1C-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: P366942

CATALOG NUMBER: MSA-SA1C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	690.6	687.2	683.8	680.2	676.8	662.4	648.3	634.0	619.7	633.5	647.0
5°	860.1	870.5	880.7	891.1	901.6	902.4	902.9	903.7	904.2	906.8	909.4
7.5°	982.2	1000.7	1018.9	1037.4	1056.0	1070.3	1084.7	1099.3	1113.6	1100.6	1087.5
10°	992.6	1031.7	1070.8	1110.0	1149.1	1156.1	1162.9	1169.9	1177.0	1186.4	1195.5
12.5°	1003.0	1050.8	1098.2	1145.9	1193.7	1214.5	1235.1	1256.0	1276.6	1286.8	1296.7
15°	1113.3	1141.5	1169.4	1197.6	1225.5	1239.8	1253.9	1268.3	1282.6	1291.2	1299.6
17.5°	1255.2	1265.6	1275.8	1286.2	1296.7	1306.3	1316.0	1325.6	1335.3	1336.8	1338.4
20°	1384.6	1386.7	1388.5	1390.6	1392.4	1372.1	1352.0	1331.6	1311.3	1314.9	1318.3
22.5°	1578.6	1567.1	1555.9	1544.4	1533.2	1494.9	1456.8	1418.5	1380.4	1364.0	1347.8
25°	1870.7	1841.5	1812.3	1783.1	1753.9	1692.8	1632.1	1571.0	1510.3	1474.5	1439.1
27.5°	1964.8	1901.2	1837.8	1774.2	1710.6	1664.4	1618.5	1572.3	1526.4	1469.9	1413.3
30°	2155.2	2054.8	1954.7	1854.3	1753.9	1709.3	1664.7	1619.8	1575.2	1517.3	1459.7
32.5°	2324.0	2219.6	2115.3	2010.7	1906.4	1821.9	1737.4	1652.9	1568.4	1529.3	1490.2
35°	2519.3	2388.1	2256.9	2125.8	1994.6	1922.1	1849.8	1777.3	1705.1	1645.9	1586.9
37.5°	2803.8	2664.3	2524.8	2385.0	2245.5	2147.4	2049.6	1951.5	1853.7	1821.1	1788.8
40°	3075.1	2910.2	2745.7	2580.8	2416.3	2341.2	2266.1	2190.7	2115.6	2060.6	2005.5
42.5°	3302.2	3139.2	2976.5	2813.5	2650.7	2596.0	2541.5	2486.7	2432.2	2386.8	2341.4
45°	3380.2	3247.2	3114.4	2981.4	2848.4	2829.1	2810.1	2790.8	2771.7	2738.1	2704.5
47.5°	3505.6	3370.0	3234.7	3099.0	2963.4	2970.5	2977.5	2984.8	2991.9	2993.7	2995.3
50°	3579.4	3450.6	3322.0	3193.2	3064.6	3098.8	3132.7	3166.9	3201.0	3278.5	3355.7
52.5°	3687.1	3560.7	3434.4	3307.9	3181.5	3239.4	3297.0	3354.9	3412.5	3521.0	3629.5
55°	3822.2	3701.2	3580.5	3459.5	3338.7	3395.1	3451.1	3507.5	3563.5	3684.3	3805.0
57.5°	4001.4	3871.8	3742.4	3612.8	3483.5	3535.4	3587.0	3638.9	3690.5	3805.3	3920.0
60°	4205.3	4064.5	3923.7	3782.6	3641.8	3656.1	3670.2	3684.5	3698.6	3823.0	3947.2
62.5°	4305.5	4175.1	4045.0	3914.6	3784.2	3744.3	3704.4	3664.2	3624.3	3735.7	3846.8
65°	4218.6	4128.9	4039.5	3949.8	3860.1	3789.6	3719.5	3649.1	3578.7	3648.3	3717.7
67.5°	3942.2	3891.3	3840.8	3789.9	3739.0	3620.9	3502.8	3384.4	3266.2	3270.9	3275.3
70°	3494.2	3480.6	3467.3	3453.7	3440.2	3262.6	3085.2	2907.6	2730.0	2702.9	2675.8
72.5°	2926.4	2935.3	2943.9	2952.7	2961.6	2770.7	2579.8	2388.9	2198.0	2152.9	2107.8
75°	2266.6	2315.6	2364.6	2413.9	2463.0	2280.4	2097.8	1915.0	1732.5	1676.9	1621.4
77.5°	1601.6	1693.1	1784.4	1875.9	1967.5	1802.4	1637.5	1472.5	1307.4	1271.4	1235.4
80°	1116.7	1161.6	1206.4	1251.3	1296.2	1213.2	1130.3	1047.4	964.4	974.3	984.0
82.5°	813.4	823.9	834.0	844.5	854.9	821.0	787.1	752.9	719.0	744.8	770.7
85°	521.1	558.4	595.4	632.7	669.7	632.2	594.6	556.8	519.2	536.5	553.7
87.5°	116.6	184.4	252.2	320.3	388.1	351.6	315.3	278.8	242.3	225.9	209.7
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: P366942

CATALOG NUMBER: MSA-SA1C-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: P366942

CATALOG NUMBER: MSA-SA1C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	660.9	674.7	670.5	666.6	662.4	658.3	665.8	673.4	681.2	688.8	686.2
5°	912.3	914.9	890.1	865.6	840.8	816.0	831.4	846.8	862.2	877.6	872.1
7.5°	1074.5	1061.4	1047.1	1032.8	1018.2	1003.8	1000.7	997.5	994.2	991.0	986.9
10°	1204.9	1214.0	1204.6	1195.5	1186.1	1176.7	1154.8	1132.9	1110.7	1088.8	1079.7
12.5°	1306.9	1317.0	1319.4	1321.5	1323.8	1326.2	1301.6	1277.4	1252.9	1228.4	1206.2
15°	1308.2	1316.8	1324.3	1331.6	1339.2	1346.5	1331.4	1316.5	1301.4	1286.2	1279.2
17.5°	1340.2	1341.8	1335.5	1329.5	1323.3	1317.3	1311.3	1305.5	1299.6	1293.8	1282.6
20°	1322.0	1325.6	1324.8	1324.1	1323.0	1322.2	1322.8	1323.0	1323.5	1323.8	1317.5
22.5°	1331.4	1314.9	1318.3	1321.5	1324.8	1328.0	1337.4	1346.8	1356.4	1365.8	1390.8
25°	1403.3	1367.6	1362.1	1356.9	1351.4	1346.2	1370.7	1395.0	1419.5	1444.0	1484.7
27.5°	1356.4	1299.8	1287.3	1274.8	1262.3	1249.7	1287.0	1324.1	1361.4	1398.7	1440.1
30°	1401.8	1344.1	1316.5	1288.9	1261.0	1233.3	1269.0	1304.5	1340.2	1375.7	1421.6
32.5°	1451.1	1412.0	1393.4	1375.2	1356.7	1338.4	1341.3	1344.1	1347.0	1349.9	1414.6
35°	1527.7	1468.5	1450.3	1432.0	1413.8	1395.5	1426.0	1456.3	1486.8	1517.1	1571.8
37.5°	1756.2	1723.6	1690.7	1657.9	1624.8	1591.9	1609.9	1627.9	1645.9	1663.9	1715.5
40°	1950.5	1895.5	1890.0	1884.8	1879.3	1873.8	1875.4	1876.7	1878.3	1879.8	1923.9
42.5°	2295.8	2250.4	2222.5	2194.6	2166.7	2138.8	2137.0	2135.1	2133.1	2131.2	2164.4
45°	2670.6	2636.9	2616.1	2595.2	2574.1	2553.2	2520.1	2487.0	2453.6	2420.5	2449.4
47.5°	2997.1	2998.9	3036.7	3074.3	3112.1	3149.9	3093.3	3036.7	2980.1	2923.5	2886.2
50°	3433.1	3510.3	3519.5	3528.3	3537.4	3546.6	3450.6	3354.9	3258.9	3162.9	3123.8
52.5°	3738.3	3846.8	3832.7	3818.8	3804.8	3790.7	3735.1	3679.8	3624.3	3568.7	3483.5
55°	3926.0	4046.8	4036.1	4025.7	4015.0	4004.3	3963.9	3923.4	3883.0	3842.6	3749.0
57.5°	4034.8	4149.5	4152.7	4155.8	4158.9	4162.1	4151.4	4140.7	4130.0	4119.3	3997.5
60°	4071.6	4196.0	4197.3	4198.3	4199.6	4200.7	4183.7	4166.8	4149.5	4132.6	4053.0
62.5°	3958.1	4069.2	4074.2	4078.9	4083.8	4088.8	4077.0	4065.3	4053.6	4041.8	3982.9
65°	3787.3	3856.9	3858.2	3859.3	3860.6	3861.9	3832.1	3802.7	3772.9	3743.2	3729.1
67.5°	3280.0	3284.7	3312.4	3340.0	3367.7	3395.3	3397.7	3400.0	3402.6	3405.0	3384.6
70°	2648.7	2621.5	2651.5	2681.5	2711.5	2741.5	2754.3	2767.1	2780.1	2792.9	2802.3
72.5°	2062.4	2017.3	2039.4	2061.6	2084.0	2106.2	2087.2	2068.1	2049.1	2030.0	2090.3
75°	1565.8	1510.3	1507.4	1504.8	1501.9	1499.3	1489.7	1480.0	1470.1	1460.5	1516.8
77.5°	1199.1	1163.2	1165.0	1166.5	1168.4	1169.9	1160.0	1150.4	1140.5	1130.6	1152.2
80°	993.9	1003.5	1003.8	1004.1	1004.3	1004.6	995.2	986.1	976.7	967.3	951.6
82.5°	796.7	822.6	822.3	822.3	822.0	821.8	821.2	820.7	819.9	819.4	793.9
85°	570.9	588.1	570.4	552.6	534.9	517.2	530.2	543.2	556.5	569.6	558.9
87.5°	193.3	177.1	156.0	135.1	114.0	92.8	115.5	138.2	161.2	183.9	196.9
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: P366942

CATALOG NUMBER: MSA-SA1C-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: P366942

CATALOG NUMBER: MSA-SA1C-750-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7	566.7
2.5°	683.8	681.2	678.9	662.4	645.7	629.3	612.6	642.9	673.4	703.6	733.9
5°	866.9	861.4	856.2	854.9	853.6	852.0	850.7	866.1	881.5	896.6	912.0
7.5°	982.7	978.5	974.3	963.4	952.7	941.7	930.8	940.2	949.3	958.7	967.8
10°	1070.8	1061.7	1052.6	1028.8	1005.4	981.6	957.9	950.9	943.8	936.8	929.7
12.5°	1184.0	1161.6	1139.4	1112.6	1085.4	1058.6	1031.5	1027.8	1024.1	1020.8	1017.1
15°	1272.4	1265.4	1258.3	1237.0	1215.6	1194.2	1172.8	1144.1	1115.2	1086.5	1057.8
17.5°	1271.6	1260.4	1249.5	1278.2	1306.6	1335.3	1363.7	1333.2	1302.4	1271.9	1241.4
20°	1311.3	1304.8	1298.5	1351.4	1404.1	1457.1	1509.8	1493.1	1476.1	1459.4	1442.5
22.5°	1415.6	1440.6	1465.4	1510.8	1555.9	1601.3	1646.4	1665.4	1684.5	1703.5	1722.6
25°	1525.1	1565.8	1606.5	1674.1	1741.3	1808.9	1876.4	1890.0	1903.6	1917.1	1930.7
27.5°	1481.3	1522.8	1564.3	1615.4	1666.2	1717.3	1768.2	1827.7	1887.4	1946.8	2006.3
30°	1467.2	1513.1	1558.8	1628.9	1698.8	1769.0	1839.1	1921.0	2002.9	2084.5	2166.4
32.5°	1479.0	1543.7	1608.3	1703.3	1797.9	1892.9	1987.8	2073.9	2160.2	2246.2	2332.3
35°	1626.3	1681.1	1735.6	1841.7	1947.9	2054.0	2160.2	2261.1	2362.0	2462.7	2563.6
37.5°	1766.9	1818.5	1870.2	1978.7	2086.9	2195.4	2303.9	2463.2	2622.8	2782.2	2941.5
40°	1967.7	2011.8	2055.6	2148.4	2241.3	2334.1	2427.0	2619.2	2811.4	3003.6	3195.8
42.5°	2197.2	2230.3	2263.2	2359.4	2455.7	2551.9	2648.1	2857.3	3066.7	3275.9	3485.0
45°	2478.1	2507.0	2536.0	2602.2	2668.5	2735.0	2801.2	3016.9	3232.6	3448.3	3663.9
47.5°	2848.9	2811.7	2774.4	2807.0	2839.6	2872.2	2904.8	3118.1	3331.4	3544.5	3757.8
50°	3084.7	3045.6	3006.5	3009.3	3011.9	3014.8	3017.7	3216.7	3415.7	3614.4	3813.4
52.5°	3398.2	3312.6	3227.4	3226.6	3225.8	3224.8	3224.0	3397.4	3571.1	3744.5	3918.0
55°	3655.3	3561.7	3468.1	3449.8	3431.6	3413.0	3394.8	3566.4	3737.7	3909.3	4080.7
57.5°	3875.7	3753.6	3631.9	3603.2	3574.5	3545.8	3517.1	3702.0	3887.2	4072.1	4257.0
60°	3973.8	3894.2	3814.9	3779.7	3744.5	3709.3	3674.1	3831.6	3989.1	4146.4	4303.9
62.5°	3924.2	3865.3	3806.6	3814.7	3822.8	3830.8	3838.9	3928.9	4019.1	4109.1	4199.1
65°	3715.3	3701.2	3687.4	3752.6	3817.8	3883.0	3948.2	3949.5	3950.8	3952.1	3953.4
67.5°	3364.3	3343.9	3323.6	3459.2	3594.6	3730.2	3865.8	3801.4	3737.0	3672.8	3608.4
70°	2811.4	2820.8	2829.9	3014.6	3198.9	3383.6	3568.2	3474.9	3381.2	3287.9	3194.2
72.5°	2150.5	2211.0	2271.3	2462.7	2654.1	2845.6	3037.0	2930.3	2823.4	2716.7	2609.8
75°	1573.1	1629.5	1685.8	1874.9	2063.9	2253.3	2442.4	2315.6	2188.9	2062.4	1935.6
77.5°	1173.8	1195.8	1217.4	1374.7	1531.7	1688.9	1845.9	1718.7	1591.4	1464.4	1337.1
80°	936.3	920.6	905.2	992.3	1079.4	1166.5	1253.7	1163.4	1072.9	982.7	892.4
82.5°	768.6	743.0	717.7	750.1	782.4	815.0	847.3	775.1	702.8	630.6	558.4
85°	548.2	537.5	526.8	536.2	545.3	554.7	564.1	493.7	423.3	353.1	282.7
87.5°	209.7	222.7	235.8	250.6	265.2	280.1	294.7	230.8	166.9	103.3	39.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	566.7	566.7
2.5°	746.4	758.9
5°	911.7	911.5
7.5°	963.6	959.2
10°	918.3	906.8
12.5°	983.2	949.0
15°	1023.9	989.7
17.5°	1190.0	1138.4
20°	1381.2	1319.6
22.5°	1628.9	1535.3
25°	1818.8	1706.7
27.5°	1939.8	1873.0
30°	2090.0	2013.6
32.5°	2276.0	2219.4
35°	2512.0	2460.1
37.5°	2925.4	2908.9
40°	3176.2	3156.4
42.5°	3485.8	3486.3
45°	3675.7	3687.4
47.5°	3787.6	3817.0
50°	3876.7	3939.9
52.5°	4004.3	4090.6
55°	4195.4	4309.9
57.5°	4354.5	4452.1
60°	4354.5	4404.9
62.5°	4197.8	4196.2
65°	3929.2	3904.6
67.5°	3577.6	3546.8
70°	3146.3	3098.0
72.5°	2550.1	2490.1
75°	1853.5	1771.1
77.5°	1298.0	1258.6
80°	911.5	930.5
82.5°	585.5	612.6
85°	278.5	274.4
87.5°	32.9	26.3
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-SA1C-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)