

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: P366941

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

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P366941
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA1C-750-U-SLR-HSS
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS
EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4575 lumens
Efficiency: N/A
Efficacy: 77.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

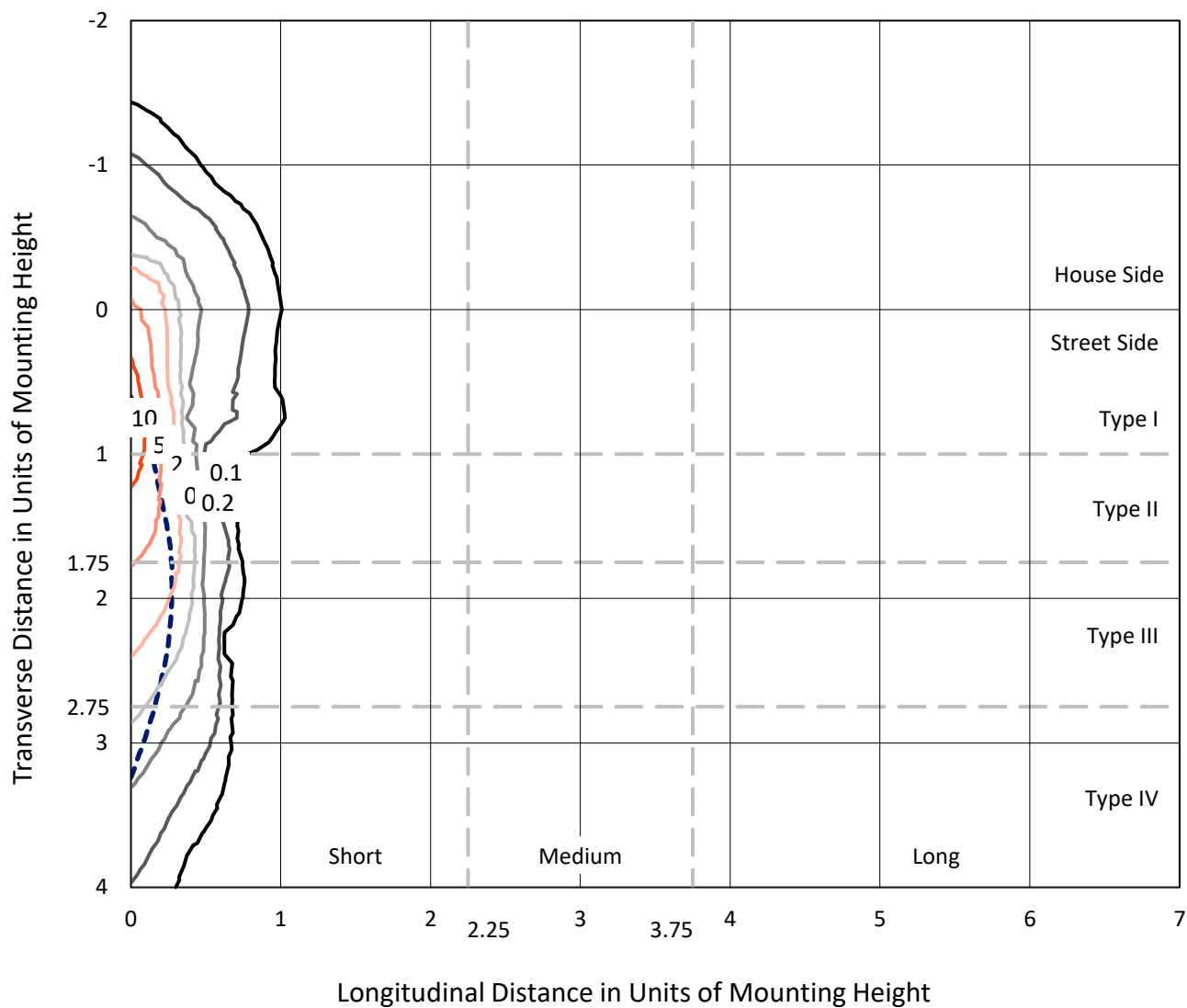
Input Watts (W): 59
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P366941
 CATALOG NUMBER: MSA-SA1C-750-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

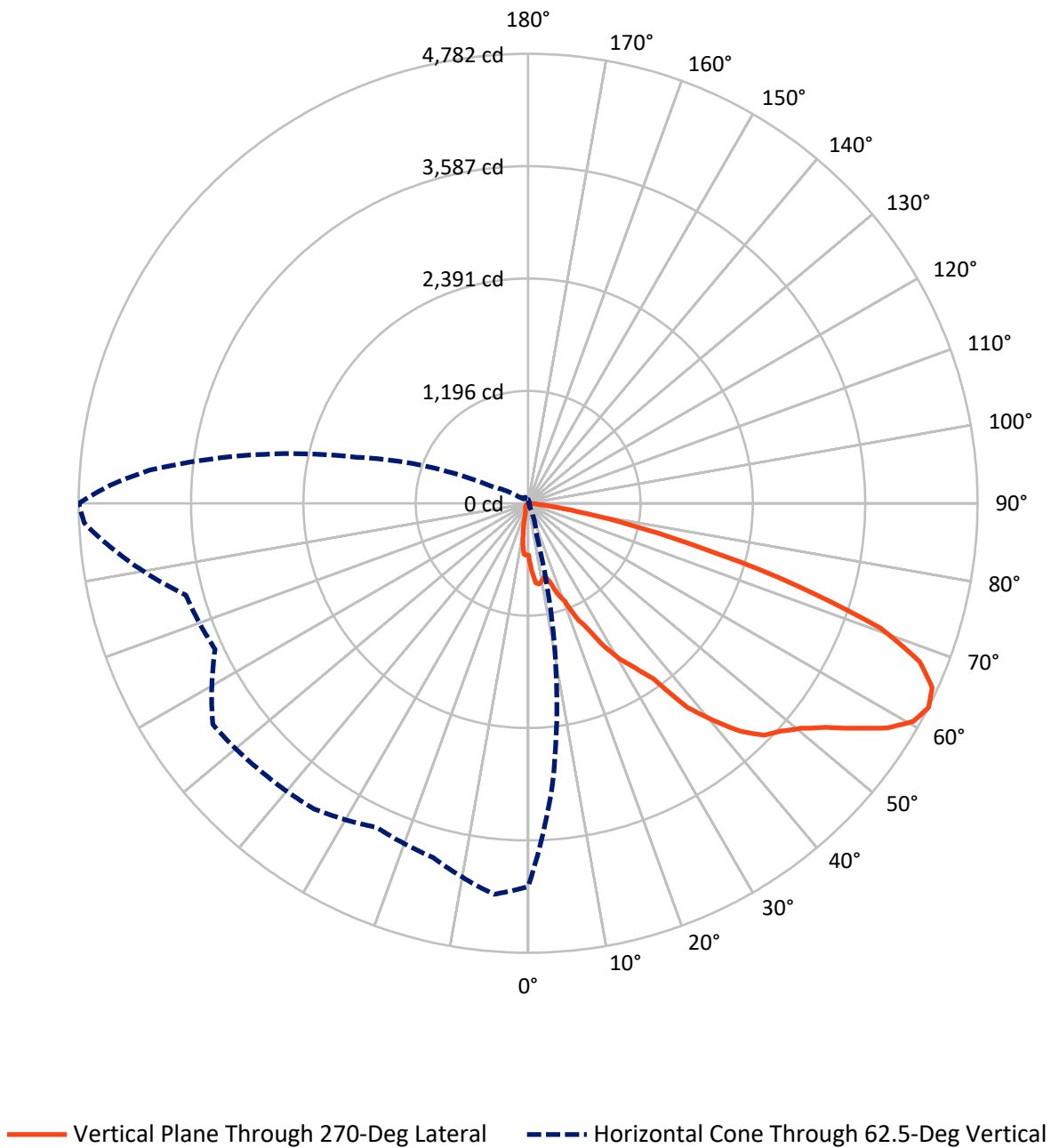
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.7 fc
 Type IV - Short - N/A

REPORT NUMBER: P366941
CATALOG NUMBER: MSA-SA1C-750-U-SLR-HSS

Luminous Intensity Polar Plot



REPORT NUMBER: P366941

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

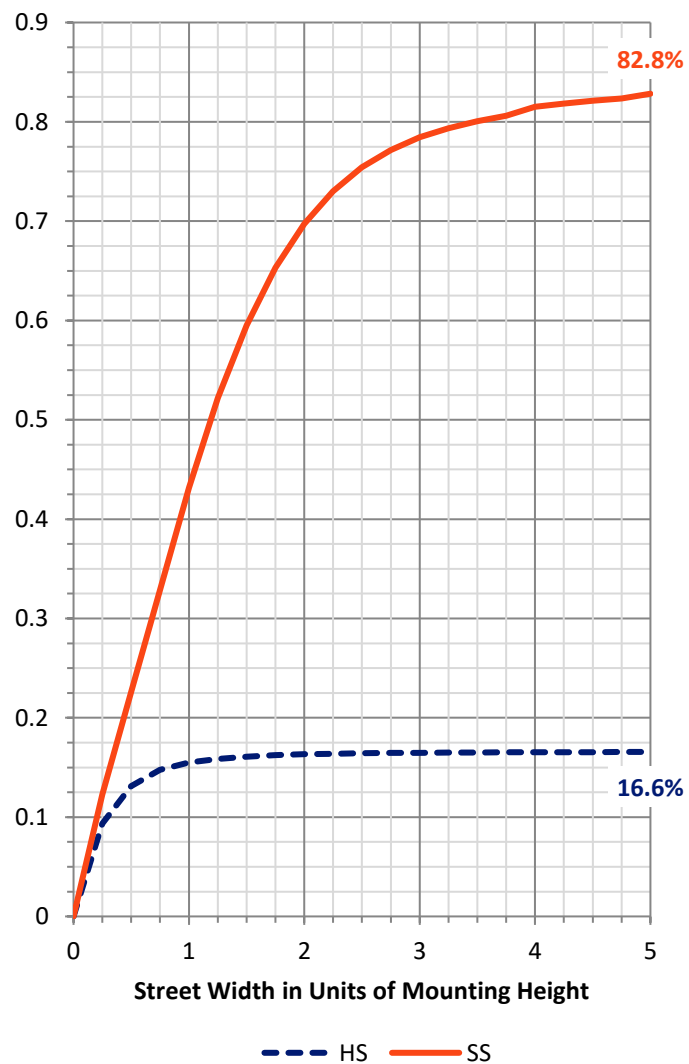
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	764.0	0.0	764.0
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	3811.0	0.0	3811.0
	% Fixture	83.3	0.0	83.3
Total	Lumens	4575.0	0.0	4575.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.6	1.3
10°-20°	160.9	3.5
20°-30°	260.1	5.7
30°-40°	435.6	9.5
40°-50°	712.1	15.6
50°-60°	1054.1	23.0
60°-70°	1210.1	26.5
70°-80°	598.3	13.1
80°-90°	82.2	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4575.0	100.0
0°-180°	4575.0	100.0

Coefficient of Utilization



REPORT NUMBER: P366941

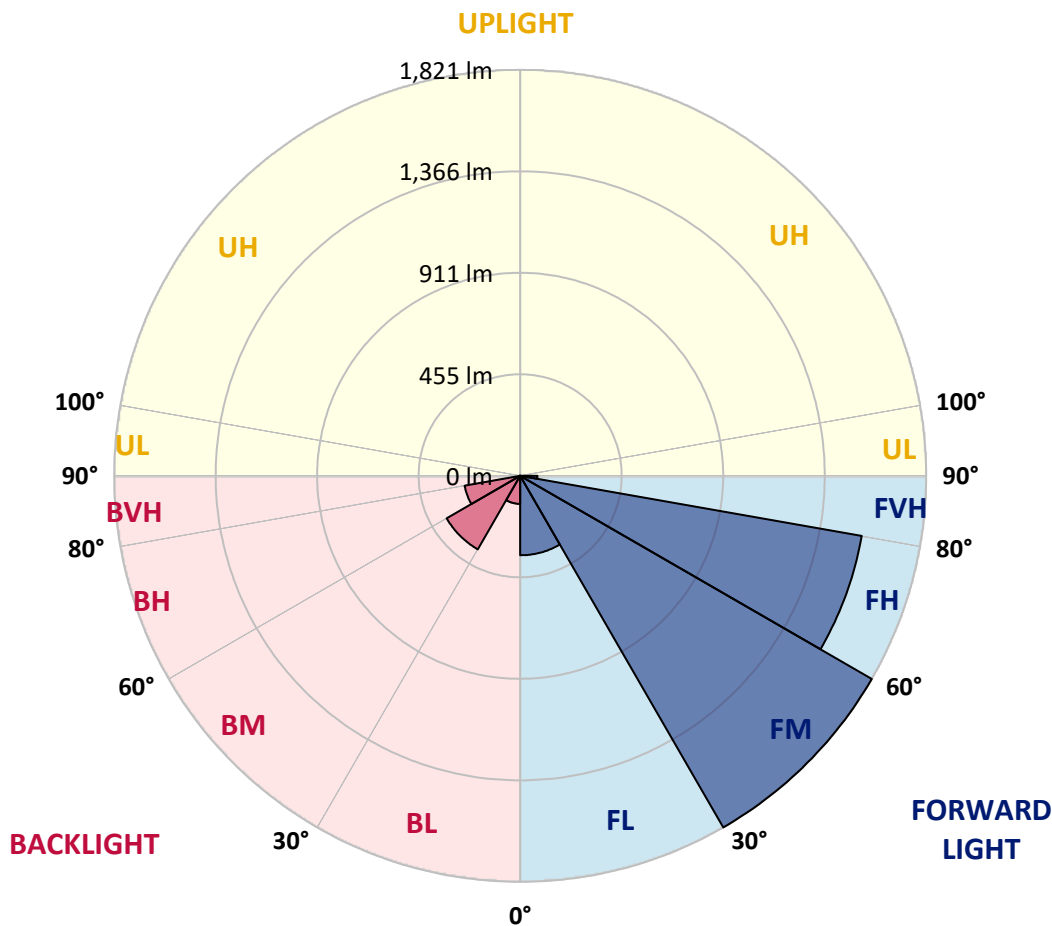
CATALOG NUMBER: MSA-SA1C-750-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	356.4	7.8			
FM	(30°-60°)	1821.1	39.8			
FH	(60°-80°)	1555.7	34.0			G1/1800
FVH	(80°-90°)	77.8	1.7			G1/100
BL	(0°-30°)	126.2	2.8	B1/500		
BM	(30°-60°)	380.7	8.3	B1/1000		
BH	(60°-80°)	252.8	5.5	B1/500		G1/500
BVH	(80°-90°)	4.4	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type IV Short



REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3
2.5°	731.0	740.1	749.0	732.0	715.1	698.1	681.2	666.1	650.9	635.5	620.4
5°	940.7	924.0	907.3	884.3	861.4	838.4	815.5	804.8	794.1	783.4	772.7
7.5°	1013.7	984.0	954.0	933.6	913.5	893.2	872.9	840.8	808.4	776.4	744.0
10°	956.3	924.8	892.9	875.2	857.5	839.7	822.0	782.1	741.9	702.0	661.9
12.5°	982.7	948.5	914.3	877.8	841.3	804.8	768.3	737.8	707.0	676.5	645.7
15°	1000.9	961.8	922.4	880.7	839.0	797.2	755.5	719.5	683.8	647.8	611.8
17.5°	1108.1	1052.0	996.0	931.8	867.6	803.5	739.3	697.6	656.1	614.4	572.7
20°	1245.8	1166.3	1086.4	999.6	912.8	825.9	739.1	687.2	635.3	583.4	531.5
22.5°	1405.9	1306.6	1206.9	1099.7	992.8	885.6	778.5	703.9	629.3	554.7	480.1
25°	1567.1	1477.4	1387.7	1243.4	1099.2	954.8	810.5	715.9	620.9	526.3	431.3
27.5°	1858.1	1697.7	1537.4	1353.8	1170.4	986.8	803.2	694.7	586.3	477.5	369.0
30°	2048.5	1925.1	1801.5	1559.0	1316.7	1074.2	831.7	694.2	556.8	419.1	281.7
32.5°	2276.2	2095.7	1915.0	1651.8	1388.7	1125.6	862.4	701.0	539.3	377.9	216.2
35°	2532.0	2335.6	2139.3	1806.0	1472.7	1139.1	805.8	649.4	492.9	336.4	179.9
37.5°	2984.0	2655.4	2326.8	1938.2	1549.4	1160.8	771.9	615.7	459.3	303.0	146.6
40°	3240.6	2926.8	2613.1	2127.5	1641.9	1156.3	670.8	532.0	393.5	254.8	116.1
42.5°	3574.4	3176.4	2778.2	2235.5	1692.8	1150.1	607.4	479.1	350.8	222.2	93.9
45°	3772.3	3321.4	2870.5	2282.4	1694.3	1106.3	518.2	407.1	296.0	184.9	73.8
47.5°	3897.2	3445.0	2992.8	2361.4	1730.3	1099.0	467.6	365.4	263.1	160.9	58.7
50°	3960.6	3507.1	3053.3	2404.5	1755.6	1106.5	457.7	356.0	254.0	152.3	50.3
52.5°	4026.6	3589.2	3151.6	2479.1	1806.5	1133.9	461.3	357.5	254.0	150.2	46.4
55°	4159.9	3728.5	3296.9	2586.0	1875.1	1164.2	453.3	351.0	248.8	146.3	44.1
57.5°	4323.6	3862.6	3401.2	2664.2	1927.2	1190.2	453.3	350.5	247.7	144.7	42.0
60°	4292.6	3792.1	3291.4	2576.3	1861.3	1145.9	430.8	333.0	235.5	137.7	39.9
62.5°	4079.5	3536.3	2992.8	2332.0	1670.9	1010.0	348.9	271.0	193.0	114.7	36.8
65°	3829.2	3252.6	2675.7	2067.5	1459.1	851.0	242.5	190.4	138.0	85.8	33.4
67.5°	3527.7	2912.8	2297.8	1756.9	1216.3	675.4	134.6	108.5	82.4	56.1	30.0
70°	3004.6	2369.8	1734.8	1319.1	903.6	487.9	72.2	61.0	49.8	38.6	27.4
72.5°	2255.6	1674.0	1092.4	829.8	567.5	304.9	42.2	38.1	33.6	29.5	25.0
75°	1534.7	1099.0	663.2	504.9	346.8	188.6	30.3	28.2	25.8	23.7	21.4
77.5°	1043.4	754.7	466.0	355.7	245.4	135.1	24.8	23.5	22.2	20.6	19.3
80°	651.5	445.9	240.4	185.2	129.6	74.3	18.8	18.0	17.2	16.2	15.4
82.5°	455.6	272.5	89.5	69.9	50.3	30.5	11.0	11.2	11.5	11.5	11.7
85°	191.2	103.3	15.4	13.0	10.7	8.3	6.0	6.5	7.3	7.8	8.3
87.5°	3.4	1.8	0.0	0.5	1.3	1.8	2.3	3.1	3.7	4.4	5.0
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: P366941
 CATALOG NUMBER: MSA-SA1C-750-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3
2.5°	624.3	628.2	631.9	635.8	632.7	629.8	626.7	623.5	618.9	614.4	609.7
5°	759.7	746.6	733.6	720.6	700.7	680.9	660.8	641.0	638.7	636.3	633.7
7.5°	713.5	683.0	652.2	621.7	593.0	564.3	535.7	507.0	498.1	489.5	480.6
10°	638.4	614.9	591.2	567.7	547.1	526.3	505.7	484.8	463.2	441.5	419.6
12.5°	621.2	596.7	571.9	547.4	528.6	509.8	491.1	472.3	448.0	423.8	399.5
15°	585.2	558.6	532.0	505.4	480.4	455.3	430.0	405.0	375.8	346.6	317.4
17.5°	541.1	509.8	478.3	446.7	413.9	381.0	348.2	315.3	281.7	248.3	214.6
20°	488.7	445.9	402.9	360.2	319.5	278.8	237.8	197.2	176.0	155.2	134.0
22.5°	424.8	369.3	314.0	258.4	225.1	191.4	158.0	124.4	115.3	106.1	97.0
25°	368.5	305.6	242.8	179.9	158.8	137.7	116.6	95.4	91.3	86.8	82.7
27.5°	309.8	250.9	191.7	132.5	120.5	108.2	96.2	84.0	81.1	78.5	75.6
30°	237.6	193.5	149.2	105.1	97.3	89.5	81.4	73.5	72.2	70.7	69.4
32.5°	184.1	151.8	119.7	87.4	82.9	78.5	74.1	69.6	67.5	65.5	63.1
35°	153.9	128.0	102.0	75.9	72.8	69.4	66.2	62.9	60.8	58.4	56.3
37.5°	127.5	108.7	89.7	70.7	67.3	63.9	60.2	56.9	55.3	53.7	52.2
40°	105.1	94.1	83.2	72.2	67.3	62.3	57.4	52.4	51.1	49.8	48.5
42.5°	86.8	79.8	72.5	65.5	61.8	58.4	54.8	51.1	49.3	47.2	45.4
45°	70.2	66.2	62.6	58.7	58.9	59.2	59.2	59.5	54.8	49.8	45.1
47.5°	56.9	55.0	52.9	51.1	53.2	55.3	57.1	59.2	54.2	49.3	44.1
50°	48.8	47.5	45.9	44.3	46.4	48.8	50.9	52.9	50.9	49.0	46.9
52.5°	44.6	42.8	40.9	39.1	39.9	40.9	41.7	42.5	42.5	42.5	42.5
55°	42.0	40.2	38.1	36.0	35.2	34.2	33.4	32.3	31.0	30.0	28.7
57.5°	39.9	37.8	35.5	33.4	32.1	30.5	29.2	27.6	26.3	24.8	23.5
60°	37.8	35.7	33.4	31.3	30.0	28.7	27.1	25.8	24.3	22.9	21.4
62.5°	34.9	33.1	31.3	29.5	28.2	27.1	25.8	24.5	22.9	21.4	19.6
65°	31.8	30.5	28.9	27.4	26.1	24.8	23.5	22.2	20.6	19.3	17.7
67.5°	28.9	27.6	26.6	25.3	23.7	22.4	20.9	19.3	18.3	17.2	15.9
70°	26.6	25.6	24.8	23.7	22.2	20.9	19.3	17.7	17.0	15.9	15.1
72.5°	24.3	23.5	22.4	21.6	20.3	19.0	17.7	16.4	15.6	14.9	14.1
75°	20.9	20.3	19.8	19.3	18.0	16.7	15.1	13.8	13.6	13.3	13.0
77.5°	18.8	18.5	18.0	17.5	16.2	14.9	13.6	12.3	12.5	12.8	12.8
80°	15.4	15.4	15.1	15.1	14.1	13.0	11.7	10.7	11.2	12.0	12.5
82.5°	11.7	11.7	11.7	11.7	10.7	9.6	8.6	7.6	8.3	8.9	9.6
85°	8.1	7.8	7.6	7.3	6.5	6.0	5.2	4.4	5.5	6.3	7.3
87.5°	5.0	5.2	5.2	5.2	4.7	3.9	3.4	2.6	3.1	3.4	3.9
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: P366941
 CATALOG NUMBER: MSA-SA1C-750-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3
2.5°	605.0	597.2	589.4	581.3	573.5	555.2	537.0	518.7	500.5	514.0	527.3
5°	631.4	616.2	600.9	585.7	570.3	563.6	557.0	550.3	543.5	544.5	545.8
7.5°	471.8	461.9	451.9	441.8	431.9	429.8	428.0	425.9	423.8	428.2	432.4
10°	398.0	384.1	370.1	356.2	342.2	334.6	327.0	319.5	311.9	311.1	310.1
12.5°	375.3	354.2	333.3	312.2	291.0	274.6	258.2	241.8	225.3	226.6	227.9
15°	288.2	267.0	246.2	225.1	203.9	190.6	177.1	163.8	150.2	146.3	142.4
17.5°	181.0	165.3	149.7	133.8	118.1	113.7	109.5	105.1	100.7	99.4	98.1
20°	112.9	106.1	99.4	92.3	85.5	84.5	83.5	82.4	81.4	82.1	82.9
22.5°	87.9	85.0	81.9	79.0	75.9	74.8	73.8	72.8	71.7	72.5	73.0
25°	78.2	76.2	74.1	72.0	69.9	68.8	67.5	66.5	65.2	65.7	66.5
27.5°	72.8	70.9	69.1	67.3	65.5	63.6	62.1	60.2	58.4	59.5	60.2
30°	67.8	65.7	63.9	61.8	59.7	57.9	56.1	54.0	52.2	53.2	54.2
32.5°	61.0	59.2	57.1	55.3	53.2	52.2	51.1	49.8	48.8	49.5	50.1
35°	54.0	52.4	51.1	49.5	48.0	46.9	46.2	45.1	44.1	44.3	44.9
37.5°	50.6	48.8	46.9	45.1	43.3	42.8	42.2	41.5	40.9	40.9	40.9
40°	47.2	45.4	43.6	41.5	39.6	38.9	38.1	37.3	36.5	36.5	36.5
42.5°	43.3	41.5	39.6	37.8	36.0	35.2	34.2	33.4	32.3	32.3	32.3
45°	40.2	38.3	36.8	34.9	33.1	31.8	30.5	28.9	27.6	27.4	27.1
47.5°	39.1	36.5	33.9	31.3	28.7	27.4	26.1	24.5	23.2	22.9	22.7
50°	44.9	39.6	34.4	29.2	24.0	22.9	21.9	20.9	19.8	19.3	19.0
52.5°	42.5	37.0	31.6	26.1	20.6	19.8	19.0	18.3	17.5	17.0	16.4
55°	27.4	25.0	22.9	20.6	18.3	17.7	17.2	16.4	15.9	15.4	14.9
57.5°	21.9	20.6	19.6	18.3	17.0	16.4	15.9	15.1	14.6	13.8	13.3
60°	19.8	18.8	17.7	16.7	15.6	15.1	14.6	14.1	13.6	12.8	12.3
62.5°	18.0	17.2	16.4	15.6	14.9	14.3	13.8	13.3	12.8	12.0	11.2
65°	16.2	15.6	15.1	14.6	14.1	13.6	13.0	12.3	11.7	11.0	10.2
67.5°	14.9	14.6	14.3	14.1	13.8	13.3	12.5	12.0	11.2	10.4	9.4
70°	14.1	14.1	14.1	13.8	13.8	13.3	12.5	12.0	11.2	10.2	9.4
72.5°	13.3	13.6	13.8	13.8	14.1	13.3	12.5	11.7	11.0	9.9	9.1
75°	12.8	13.0	13.3	13.3	13.6	13.0	12.5	11.7	11.2	10.2	9.1
77.5°	13.0	13.3	13.3	13.6	13.6	13.0	12.5	11.7	11.2	9.9	8.6
80°	13.0	12.8	12.5	12.0	11.7	10.7	9.6	8.3	7.3	5.7	4.4
82.5°	10.2	9.6	9.4	8.9	8.3	7.3	6.3	5.2	4.2	3.1	2.1
85°	8.1	7.6	7.3	6.8	6.3	5.5	4.4	3.7	2.6	2.1	1.3
87.5°	4.2	3.9	3.4	3.1	2.6	2.1	1.3	0.8	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366941
 CATALOG NUMBER: MSA-SA1C-750-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3
2.5°	540.9	554.2	552.4	550.5	559.1	567.7	561.5	555.5	549.2	543.0	529.9
5°	546.9	547.9	546.1	544.0	544.3	544.5	540.4	536.2	532.0	527.8	527.1
7.5°	436.8	441.0	446.7	452.2	452.5	452.5	449.3	446.2	442.8	439.7	441.3
10°	309.3	308.3	309.8	311.4	311.1	310.6	318.9	327.3	335.4	343.7	337.7
12.5°	229.0	230.3	223.8	217.2	219.6	221.7	223.0	224.3	225.6	226.9	230.5
15°	138.5	134.6	129.9	125.2	127.5	129.6	132.0	134.0	136.4	138.5	140.8
17.5°	96.5	95.2	93.1	90.8	91.0	91.3	91.5	91.8	91.8	92.1	92.6
20°	83.7	84.5	82.9	81.1	80.6	79.8	79.3	78.8	78.0	77.5	76.7
22.5°	73.8	74.3	74.6	74.6	73.5	72.2	71.2	70.4	69.4	68.3	67.8
25°	67.0	67.5	67.0	66.2	65.7	65.2	64.7	63.9	63.4	62.6	62.3
27.5°	61.3	62.1	62.1	61.8	61.3	60.5	59.2	58.2	56.9	55.5	55.8
30°	55.3	56.3	56.3	56.1	55.8	55.5	54.2	52.9	51.6	50.3	50.9
32.5°	50.9	51.4	51.1	50.9	50.9	50.6	49.5	48.8	47.7	46.7	46.7
35°	45.1	45.4	45.4	45.4	45.4	45.1	44.3	43.6	42.8	42.0	42.2
37.5°	40.9	40.9	41.7	42.2	41.7	41.2	40.7	39.9	39.4	38.6	38.6
40°	36.2	36.2	37.0	37.6	37.0	36.5	36.2	35.7	35.5	34.9	34.9
42.5°	32.1	32.1	32.9	33.4	33.4	33.1	32.6	32.1	31.6	31.0	31.3
45°	26.9	26.6	27.9	28.9	28.4	27.9	27.9	27.6	27.6	27.4	27.6
47.5°	22.2	21.9	22.9	24.0	23.7	23.2	23.2	23.2	23.2	23.2	23.5
50°	18.5	18.0	19.0	19.8	19.6	19.0	19.0	19.3	19.3	19.3	19.6
52.5°	15.9	15.4	16.2	16.7	16.4	16.2	16.2	16.4	16.4	16.4	16.7
55°	14.1	13.6	14.3	14.9	14.6	14.1	14.3	14.3	14.6	14.6	14.6
57.5°	12.5	11.7	12.3	12.8	12.8	12.5	12.8	12.8	13.0	13.0	13.0
60°	11.5	10.7	11.2	11.5	11.5	11.2	11.5	11.5	11.7	11.7	11.7
62.5°	10.2	9.4	9.9	10.2	10.2	9.9	10.2	10.2	10.4	10.4	10.4
65°	9.1	8.3	8.6	8.9	8.9	8.9	9.1	9.1	9.4	9.4	9.4
67.5°	8.6	7.6	7.8	8.1	8.1	8.1	8.3	8.3	8.6	8.6	8.9
70°	8.3	7.3	7.6	7.6	7.8	7.8	7.8	8.1	8.1	8.1	8.1
72.5°	8.1	7.0	7.0	7.0	7.3	7.3	7.3	7.6	7.6	7.6	7.6
75°	8.1	7.0	6.8	6.5	6.8	6.8	6.8	7.0	7.0	7.0	7.0
77.5°	7.0	5.7	5.2	4.4	5.2	5.7	6.0	6.0	6.3	6.3	6.3
80°	2.9	1.3	0.8	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8
82.5°	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366941
 CATALOG NUMBER: MSA-SA1C-750-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3
2.5°	516.9	503.8	490.8	497.1	503.3	509.6	515.8	515.3	514.5	514.0	513.2
5°	526.5	525.8	525.0	521.3	517.9	514.3	510.6	509.8	508.8	508.0	507.0
7.5°	442.8	444.1	445.7	441.5	437.3	433.2	429.0	418.3	407.6	396.7	386.0
10°	331.7	325.5	319.5	318.9	318.4	317.9	317.4	316.3	315.3	314.0	312.9
12.5°	234.4	238.1	241.8	240.4	239.1	237.6	236.3	238.1	240.2	242.0	243.8
15°	142.9	145.3	147.3	152.0	156.7	161.4	166.1	167.9	170.0	171.9	173.7
17.5°	93.1	93.4	93.9	99.1	104.1	109.3	114.2	117.6	121.0	124.1	127.5
20°	75.9	75.1	74.3	77.2	80.1	82.9	85.8	88.9	92.1	95.2	98.3
22.5°	67.5	67.0	66.5	67.5	68.6	69.4	70.4	72.8	75.4	77.7	80.1
25°	62.1	61.5	61.3	61.8	62.3	62.9	63.4	64.7	66.0	67.3	68.6
27.5°	55.8	56.1	56.1	56.6	56.9	57.4	57.6	58.2	58.9	59.5	60.0
30°	51.1	51.6	51.9	52.4	52.7	53.2	53.5	53.2	52.9	52.7	52.4
32.5°	46.7	46.4	46.4	46.9	47.2	47.7	48.0	48.5	49.0	49.3	49.8
35°	42.2	42.5	42.5	42.5	42.8	42.8	42.8	43.3	44.1	44.6	45.1
37.5°	38.3	38.3	38.1	38.9	39.4	40.2	40.7	41.2	42.0	42.5	43.0
40°	34.9	34.9	34.9	35.5	36.0	36.2	36.8	38.1	39.4	40.7	42.0
42.5°	31.3	31.6	31.6	32.1	32.6	32.9	33.4	34.4	35.2	36.2	37.0
45°	27.9	28.2	28.4	28.9	29.2	29.7	30.0	30.5	30.8	31.3	31.6
47.5°	24.0	24.3	24.5	25.0	25.3	25.8	26.1	25.8	25.8	25.6	25.3
50°	20.1	20.3	20.6	21.4	21.9	22.7	23.2	22.7	22.2	21.4	20.9
52.5°	17.0	17.0	17.2	17.7	18.3	18.5	19.0	18.8	18.5	18.3	18.0
55°	14.6	14.6	14.6	14.9	15.1	15.4	15.6	15.9	15.9	16.2	16.2
57.5°	13.0	12.8	12.8	13.0	13.3	13.3	13.6	13.8	13.8	14.1	14.1
60°	11.7	11.5	11.5	11.7	12.0	12.3	12.5	12.5	12.5	12.3	12.3
62.5°	10.4	10.4	10.4	10.7	10.7	11.0	11.0	11.0	11.2	11.2	11.2
65°	9.6	9.6	9.6	9.6	9.6	9.4	9.4	9.6	9.6	9.9	9.9
67.5°	8.9	9.1	9.1	8.9	8.6	8.3	8.1	8.3	8.3	8.6	8.6
70°	8.1	8.1	8.1	7.8	7.6	7.3	7.0	7.0	7.0	6.8	6.8
72.5°	7.6	7.3	7.3	7.0	6.5	6.3	5.7	5.5	5.5	5.2	5.0
75°	7.0	6.8	6.8	6.3	5.7	5.2	4.7	4.4	3.9	3.7	3.1
77.5°	6.3	6.3	6.3	5.5	5.0	4.2	3.4	2.9	2.3	1.6	1.0
80°	2.1	2.3	2.6	2.3	2.3	2.1	1.8	1.3	1.0	0.5	0.0
82.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3
2.5°	516.1	519.0	521.8	524.7	525.0	525.2	525.5	525.8	519.2	512.5	505.9
5°	512.2	517.7	522.9	528.1	525.2	522.4	519.5	516.6	516.4	516.4	516.1
7.5°	386.8	387.3	388.1	388.6	389.6	390.7	391.4	392.5	396.7	400.8	404.7
10°	309.6	306.2	302.5	299.1	296.5	293.6	291.0	288.2	290.3	292.6	294.7
12.5°	241.0	238.1	235.0	232.1	231.1	230.0	228.7	227.7	234.4	241.2	247.7
15°	173.2	172.6	171.9	171.3	174.7	178.1	181.5	184.9	190.6	196.1	201.9
17.5°	128.8	130.1	131.4	132.7	134.8	136.9	138.7	140.8	145.0	149.4	153.6
20°	99.9	101.7	103.3	104.8	104.3	103.8	103.0	102.5	105.9	109.3	112.4
22.5°	81.6	82.9	84.5	85.8	86.1	86.3	86.6	86.8	88.9	90.8	92.8
25°	69.9	71.5	72.8	74.1	74.3	74.6	74.8	75.1	77.7	80.3	82.7
27.5°	61.8	63.4	65.2	66.8	67.3	67.8	68.3	68.8	70.4	71.7	73.3
30°	54.5	56.6	58.7	60.8	61.5	62.3	63.1	63.9	65.5	67.3	68.8
32.5°	50.9	52.2	53.2	54.2	56.1	57.6	59.5	61.0	62.9	64.9	66.8
35°	46.7	48.0	49.5	50.9	52.2	53.5	54.5	55.8	56.9	57.9	58.7
37.5°	44.1	45.4	46.4	47.5	48.0	48.5	48.8	49.3	49.8	50.3	50.6
40°	42.0	41.7	41.7	41.5	42.0	42.8	43.3	43.8	45.4	46.7	48.2
42.5°	36.5	35.7	35.2	34.4	35.7	36.8	38.1	39.1	41.2	43.3	45.4
45°	31.0	30.5	29.7	29.2	31.0	32.9	34.7	36.5	38.9	40.9	43.3
47.5°	25.6	25.8	25.8	26.1	27.9	29.7	31.3	33.1	35.5	37.8	40.2
50°	21.4	21.9	22.4	22.9	24.8	26.3	28.2	29.7	32.3	34.7	37.3
52.5°	18.8	19.6	20.1	20.9	22.4	24.3	25.8	27.4	29.7	32.1	34.4
55°	17.0	18.0	18.8	19.6	20.9	22.2	23.5	24.8	27.1	29.5	31.6
57.5°	14.9	15.6	16.4	17.2	18.5	19.8	20.9	22.2	24.3	26.6	28.7
60°	13.0	13.6	14.3	14.9	15.9	17.2	18.3	19.3	21.4	23.5	25.3
62.5°	11.5	12.0	12.3	12.5	13.6	14.6	15.6	16.7	18.5	20.6	22.4
65°	10.2	10.4	10.4	10.7	11.5	12.5	13.3	14.1	16.2	18.0	20.1
67.5°	8.6	8.9	8.9	8.9	9.6	10.4	11.2	12.0	13.8	15.9	17.7
70°	6.8	7.0	7.0	7.0	7.8	8.9	9.6	10.4	12.0	13.6	15.1
72.5°	5.2	5.2	5.5	5.5	6.3	7.3	8.1	8.9	10.2	11.5	12.8
75°	3.4	3.7	3.7	3.9	4.7	5.7	6.5	7.3	8.6	9.9	11.0
77.5°	1.3	1.8	2.1	2.3	3.1	3.9	4.7	5.5	6.5	7.8	8.9
80°	0.0	0.3	0.3	0.3	0.8	1.0	1.6	1.8	2.6	3.7	4.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3
2.5°	499.2	513.5	527.8	542.2	556.5	574.3	592.0	594.6	597.2	594.1	591.2
5°	515.8	522.9	529.7	536.7	543.5	563.8	583.9	584.2	584.2	584.4	584.4
7.5°	408.9	414.9	420.9	426.7	432.6	445.9	459.3	464.2	468.9	467.9	466.8
10°	296.8	304.6	312.2	320.0	327.6	339.8	352.1	356.8	361.2	375.5	390.1
12.5°	254.5	262.1	269.7	277.0	284.5	297.0	309.6	318.7	327.6	336.4	345.3
15°	207.3	213.3	219.6	225.6	231.6	237.3	243.1	254.3	265.2	274.1	283.0
17.5°	157.8	160.4	162.7	165.3	167.7	170.3	172.9	177.6	182.0	189.9	197.4
20°	115.8	117.9	120.0	121.8	123.9	126.5	129.1	132.5	135.6	137.4	139.0
22.5°	94.7	97.8	100.9	103.8	106.9	108.7	110.6	111.6	112.7	113.4	114.2
25°	85.3	88.1	90.8	93.6	96.2	97.0	97.8	99.9	102.0	102.0	102.0
27.5°	74.6	78.5	82.7	86.6	90.5	91.5	92.3	93.1	93.6	92.6	91.3
30°	70.4	74.3	78.2	81.9	85.8	87.4	88.7	89.5	90.2	88.9	87.6
32.5°	68.6	72.2	75.6	79.3	82.7	84.8	86.6	88.7	90.5	90.8	91.3
35°	59.7	62.1	64.7	67.0	69.4	70.4	71.5	72.2	72.8	72.8	72.8
37.5°	51.1	54.2	57.6	60.8	63.9	66.2	68.6	68.8	68.8	69.4	70.2
40°	49.5	52.7	55.8	58.7	61.8	64.4	66.8	67.0	67.3	67.8	68.3
42.5°	47.5	50.9	54.2	57.6	61.0	63.6	66.0	66.0	65.7	66.5	67.0
45°	45.4	48.8	51.9	55.3	58.4	61.8	64.9	64.2	63.1	64.4	65.5
47.5°	42.5	46.2	49.8	53.2	56.9	60.0	62.9	62.3	61.5	62.9	64.2
50°	39.6	43.3	46.9	50.6	54.2	57.6	60.8	60.2	59.7	61.3	62.6
52.5°	36.8	40.4	44.3	48.0	51.6	54.5	57.1	56.9	56.6	58.2	60.0
55°	33.9	37.3	40.9	44.3	47.7	50.9	53.7	53.2	52.7	54.0	55.3
57.5°	30.8	34.2	37.3	40.7	43.8	46.4	48.8	48.0	47.2	48.8	50.3
60°	27.4	30.5	33.6	36.5	39.6	41.7	43.6	43.0	42.2	43.8	45.4
62.5°	24.3	27.1	30.0	32.6	35.5	37.0	38.6	38.1	37.6	39.1	40.9
65°	21.9	24.3	26.3	28.7	30.8	32.3	33.9	33.1	32.3	34.2	35.7
67.5°	19.6	21.4	23.5	25.3	27.1	28.4	29.7	29.2	28.4	29.7	31.0
70°	16.7	18.5	20.3	21.9	23.7	25.0	26.3	25.6	24.5	25.8	27.1
72.5°	14.1	15.6	17.2	18.5	20.1	21.1	22.2	21.4	20.6	21.6	22.7
75°	12.3	13.6	14.9	15.9	17.2	17.7	18.3	18.0	17.5	18.5	19.3
77.5°	9.9	11.0	12.3	13.3	14.3	14.3	14.3	14.6	14.6	15.6	17.0
80°	5.2	6.3	7.3	8.1	9.1	9.1	8.9	9.4	9.6	11.0	12.3
82.5°	0.0	0.8	1.6	2.3	3.1	2.9	2.3	2.6	2.6	3.1	3.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3
2.5°	588.1	585.0	582.9	581.0	579.0	576.9	579.5	582.1	584.4	587.0	594.9
5°	584.7	584.7	582.9	581.0	579.2	577.4	581.3	585.0	588.9	592.5	592.3
7.5°	465.5	464.5	475.4	486.1	497.1	507.8	510.6	513.5	516.1	519.0	518.2
10°	404.5	418.8	423.5	428.2	432.9	437.6	443.3	449.1	454.8	460.6	462.6
12.5°	354.2	363.0	378.1	393.0	408.1	423.0	430.6	438.4	445.9	453.5	468.4
15°	291.8	300.7	313.7	326.8	339.8	352.8	364.8	377.1	389.1	401.1	419.1
17.5°	205.2	212.8	222.7	232.6	242.3	252.2	270.7	289.2	307.7	326.2	345.3
20°	140.8	142.4	147.1	152.0	156.7	161.4	178.1	195.1	211.8	228.5	253.5
22.5°	114.7	115.5	117.9	120.2	122.3	124.7	133.3	142.1	150.7	159.3	179.7
25°	101.7	101.7	103.3	104.8	106.4	108.0	112.7	117.4	121.8	126.5	139.5
27.5°	90.2	88.9	91.3	93.6	96.0	98.3	101.7	105.4	108.7	112.1	121.0
30°	86.3	85.0	87.9	90.8	93.6	96.5	99.9	103.3	106.4	109.8	115.8
32.5°	91.5	91.8	92.8	93.9	94.7	95.7	97.3	99.1	100.7	102.2	107.4
35°	72.8	72.8	74.6	76.4	78.0	79.8	82.7	85.5	88.4	91.3	96.8
37.5°	70.7	71.2	72.8	74.6	76.2	77.7	81.4	85.3	88.9	92.6	97.0
40°	68.6	69.1	71.2	73.3	75.4	77.5	81.1	84.5	88.1	91.5	95.7
42.5°	67.8	68.3	70.9	73.8	76.4	79.0	82.1	85.3	88.1	91.3	97.0
45°	66.8	67.8	70.9	74.3	77.5	80.6	83.5	86.3	89.2	92.1	99.1
47.5°	65.2	66.5	70.2	73.5	77.2	80.6	86.1	91.8	97.3	102.8	106.1
50°	64.2	65.5	69.4	73.3	77.2	81.1	90.0	98.8	107.4	116.3	114.5
52.5°	61.5	63.1	68.1	73.0	78.0	82.9	90.8	98.6	106.4	114.2	110.6
55°	56.6	57.9	63.6	69.4	74.8	80.6	86.3	92.1	97.5	103.3	99.1
57.5°	51.6	53.2	58.7	64.2	69.4	74.8	77.7	80.6	83.5	86.3	84.8
60°	46.9	48.5	55.8	63.1	70.4	77.7	75.1	72.5	69.6	67.0	68.8
62.5°	42.5	44.1	51.1	57.9	64.9	71.7	68.1	64.4	60.8	57.1	60.0
65°	37.6	39.1	41.7	44.6	47.2	49.8	49.5	49.0	48.8	48.2	51.4
67.5°	32.3	33.6	34.9	36.5	37.8	39.1	39.9	40.9	41.7	42.5	45.1
70°	28.2	29.5	31.0	32.3	33.9	35.2	35.7	36.2	36.5	37.0	39.4
72.5°	23.5	24.5	26.6	28.7	30.5	32.6	32.9	32.9	33.1	33.1	34.9
75°	20.3	21.1	22.7	24.3	25.6	27.1	27.9	28.7	29.2	30.0	31.0
77.5°	18.0	19.0	19.6	19.8	20.3	20.6	21.1	21.6	22.2	22.7	22.9
80°	13.3	14.6	15.1	15.4	15.9	16.2	16.2	15.9	15.9	15.6	15.9
82.5°	4.2	4.7	5.5	6.3	7.0	7.8	8.1	8.3	8.3	8.6	8.3
85°	0.8	1.0	1.6	2.1	2.3	2.9	2.6	2.1	1.8	1.3	1.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366941
 CATALOG NUMBER: MSA-SA1C-750-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3
2.5°	602.7	610.2	618.1	614.9	611.8	608.7	605.6	606.1	606.9	607.4	607.9
5°	592.0	591.5	591.2	600.1	609.2	618.1	626.9	636.6	646.5	656.1	665.8
7.5°	517.4	516.4	515.6	527.1	538.5	550.0	561.5	574.8	588.3	601.6	614.9
10°	464.7	466.8	468.9	473.6	478.5	483.2	487.9	500.7	513.5	526.0	538.8
12.5°	483.2	497.8	512.7	515.6	518.2	521.1	523.7	525.5	527.3	529.1	531.0
15°	437.3	455.3	473.3	480.9	488.2	495.8	503.1	522.4	541.4	560.7	579.7
17.5°	364.3	383.1	402.1	424.8	447.5	470.2	492.9	513.8	534.6	555.5	576.3
20°	278.8	303.8	328.9	357.5	386.5	415.2	443.9	464.7	485.3	506.2	526.8
22.5°	200.3	220.6	241.0	275.7	310.1	344.8	379.2	415.4	451.9	488.2	524.4
25°	152.6	165.3	178.4	212.5	246.7	280.6	314.8	364.6	414.4	464.2	514.0
27.5°	129.6	138.5	147.1	177.9	208.6	239.1	269.9	329.1	388.3	447.5	506.7
30°	122.0	128.0	134.0	160.1	186.5	212.5	238.6	298.6	358.6	418.6	478.5
32.5°	112.7	117.6	122.8	145.8	168.7	191.4	214.4	273.0	331.7	390.1	448.8
35°	102.0	107.4	112.7	135.6	158.6	181.2	204.2	265.0	325.7	386.5	447.3
37.5°	101.2	105.6	109.8	136.4	163.3	189.9	216.5	277.2	338.0	398.5	459.3
40°	100.1	104.3	108.5	135.6	162.5	189.6	216.5	280.1	343.7	407.4	471.0
42.5°	102.8	108.2	114.0	138.0	162.0	185.7	209.7	276.7	343.7	410.5	477.5
45°	106.4	113.4	120.5	142.4	164.3	186.2	208.1	280.9	353.6	426.1	498.9
47.5°	109.8	113.2	116.6	137.4	158.0	178.9	199.5	273.8	348.2	422.5	496.8
50°	112.9	111.1	109.3	132.2	155.2	177.9	200.8	271.7	342.4	413.4	484.0
52.5°	106.7	103.0	99.1	123.6	148.1	172.4	196.9	268.4	339.8	411.3	482.7
55°	94.9	90.8	86.6	110.8	134.8	159.1	183.1	254.3	325.5	396.7	467.9
57.5°	82.9	81.4	79.5	98.1	116.6	134.8	153.3	232.4	311.6	390.7	469.7
60°	70.7	72.2	74.1	87.4	100.7	113.7	127.0	204.5	281.7	359.1	436.3
62.5°	62.6	65.5	68.1	79.3	90.8	102.0	113.2	186.2	259.2	332.2	405.3
65°	54.8	57.9	61.0	74.3	87.9	101.2	114.5	176.3	238.1	299.9	361.7
67.5°	47.7	50.1	52.7	70.2	87.6	105.1	122.6	173.2	223.5	274.1	324.4
70°	41.7	43.8	46.2	66.5	86.8	107.2	127.5	170.6	213.8	256.9	299.9
72.5°	36.8	38.6	40.4	61.0	81.6	102.2	122.8	161.2	199.2	237.6	275.7
75°	32.1	32.9	33.9	51.4	68.6	86.1	103.3	128.8	154.6	180.2	205.8
77.5°	23.2	23.2	23.5	28.7	33.6	38.9	43.8	59.7	75.6	91.3	107.2
80°	15.9	16.2	16.2	18.3	20.1	22.2	24.0	27.4	30.5	33.9	37.0
82.5°	8.1	7.6	7.3	9.4	11.5	13.6	15.6	16.4	17.0	17.7	18.3
85°	0.8	0.3	0.0	1.3	2.6	3.9	5.2	6.3	7.3	8.3	9.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366941
 CATALOG NUMBER: MSA-SA1C-750-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3
2.5°	605.8	603.7	601.6	599.6	612.3	625.4	638.2	650.9	687.2	710.9	708.3
5°	675.2	684.6	694.0	703.3	718.5	733.9	749.0	764.1	817.8	850.7	855.4
7.5°	629.5	643.9	658.5	672.8	702.0	731.0	760.2	789.1	833.2	867.4	886.7
10°	555.2	571.7	587.8	604.2	637.1	670.2	703.1	735.9	785.5	832.7	857.0
12.5°	556.8	582.6	608.4	634.2	662.9	691.6	720.0	748.7	779.0	794.9	829.0
15°	600.1	620.4	640.8	661.1	698.7	736.2	773.5	811.1	829.0	867.4	907.3
17.5°	616.0	655.9	695.5	735.2	782.1	828.8	875.7	922.4	956.3	1009.5	1050.7
20°	586.5	646.2	705.7	765.4	829.8	894.2	958.7	1023.1	1060.1	1110.7	1174.3
22.5°	587.8	651.2	714.3	777.7	866.6	955.3	1044.2	1132.9	1232.2	1329.8	1360.8
25°	596.9	679.9	762.5	845.5	948.2	1051.0	1153.7	1256.5	1376.4	1478.9	1520.1
27.5°	600.1	693.4	786.5	879.9	1025.9	1172.0	1318.0	1464.1	1607.2	1723.0	1767.1
30°	592.5	706.7	820.7	934.7	1113.8	1293.0	1472.2	1651.3	1787.2	1922.0	1976.8
32.5°	594.3	739.9	885.4	1030.9	1241.9	1453.1	1664.1	1875.1	1961.9	2083.4	2179.9
35°	606.9	766.5	925.8	1085.4	1318.8	1552.2	1785.6	2019.0	2161.4	2289.7	2371.6
37.5°	636.1	812.9	989.4	1166.3	1453.1	1740.2	2027.1	2314.0	2534.4	2754.7	2792.3
40°	657.7	844.4	1031.2	1217.9	1550.9	1883.9	2217.0	2550.0	2799.3	3038.5	3064.0
42.5°	682.2	886.7	1091.4	1295.9	1668.3	2040.7	2413.1	2785.5	3074.2	3318.0	3335.0
45°	709.1	919.5	1129.7	1339.9	1730.1	2120.0	2510.1	2900.0	3237.2	3520.4	3456.5
47.5°	721.9	946.9	1172.0	1397.0	1815.4	2233.4	2651.7	3069.8	3372.3	3622.1	3547.5
50°	731.8	979.3	1227.0	1474.5	1913.2	2351.8	2790.4	3229.1	3532.4	3762.9	3646.1
52.5°	759.7	1036.4	1313.3	1590.0	2056.6	2522.9	2989.4	3455.7	3749.1	3960.9	3797.1
55°	786.8	1105.5	1424.4	1743.1	2244.9	2746.9	3248.7	3750.4	4042.5	4224.0	4001.6
57.5°	821.0	1172.5	1523.8	1875.1	2411.8	2948.5	3484.9	4021.6	4307.2	4507.7	4276.7
60°	812.1	1187.6	1563.4	1939.0	2485.6	3032.2	3578.8	4125.4	4464.7	4711.2	4554.4
62.5°	777.7	1150.1	1522.2	1894.6	2431.6	2968.3	3505.3	4042.0	4448.5	4782.4	4729.7
65°	708.0	1054.1	1400.4	1746.5	2259.2	2772.2	3284.9	3797.6	4299.4	4724.2	4743.0
67.5°	616.5	908.6	1200.4	1492.5	1970.8	2449.1	2927.1	3405.4	3997.6	4493.1	4549.0
70°	519.5	738.8	958.4	1177.7	1598.6	2019.6	2440.2	2861.1	3476.8	3975.5	4080.8
72.5°	416.5	557.6	698.4	839.2	1143.0	1446.6	1750.4	2054.0	2595.6	2982.6	3166.5
75°	269.9	334.1	398.2	462.4	664.8	866.9	1069.2	1271.3	1631.0	1916.0	2123.9
77.5°	120.2	133.3	146.0	159.1	315.3	471.5	627.7	783.9	940.1	1112.3	1161.0
80°	43.0	48.8	54.8	60.5	137.2	214.1	290.8	367.5	443.1	532.0	553.7
82.5°	18.0	18.0	17.7	17.5	44.9	72.2	99.6	127.0	146.8	168.7	172.9
85°	7.3	5.5	3.4	1.3	5.7	10.4	14.9	19.3	31.0	28.2	52.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366941
 CATALOG NUMBER: MSA-SA1C-750-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3
2.5°	698.4	697.9	697.4	696.8	696.3	686.9	677.8	668.4	659.3	670.8	682.2
5°	847.8	861.4	874.9	888.8	902.3	906.2	910.2	914.1	918.0	926.3	934.7
7.5°	902.9	925.8	948.5	971.4	994.1	1015.3	1036.1	1057.2	1078.4	1073.1	1067.9
10°	883.8	925.3	966.7	1008.5	1049.9	1059.1	1068.2	1077.6	1086.7	1110.4	1134.2
12.5°	863.2	913.0	962.8	1012.6	1062.5	1090.1	1117.5	1145.1	1172.8	1196.8	1220.8
15°	961.0	992.8	1024.6	1056.7	1088.5	1112.8	1136.8	1161.0	1185.0	1201.7	1218.1
17.5°	1089.6	1105.2	1120.9	1136.8	1152.4	1171.5	1190.5	1209.5	1228.6	1238.5	1248.4
20°	1225.4	1232.2	1239.0	1245.8	1252.6	1237.4	1222.3	1207.2	1192.1	1201.5	1210.6
22.5°	1361.8	1364.2	1366.8	1369.1	1371.5	1336.3	1301.1	1265.9	1230.7	1215.8	1200.9
25°	1571.8	1554.6	1537.4	1520.1	1502.9	1461.2	1419.5	1377.8	1336.0	1299.3	1262.5
27.5°	1799.2	1740.8	1682.6	1624.2	1566.0	1524.3	1482.6	1440.9	1399.1	1343.8	1288.6
30°	2028.4	1934.3	1840.4	1746.2	1652.4	1602.8	1553.3	1503.5	1453.9	1398.6	1343.6
32.5°	2238.6	2125.4	2012.3	1898.8	1785.6	1702.2	1618.7	1535.3	1451.8	1413.2	1374.6
35°	2412.8	2279.0	2145.3	2011.2	1877.4	1794.8	1712.1	1629.4	1546.7	1489.4	1432.3
37.5°	2710.6	2560.2	2409.7	2259.2	2108.7	1995.8	1883.2	1770.2	1657.3	1619.0	1580.6
40°	2985.3	2795.7	2606.1	2416.5	2226.9	2132.2	2037.8	1943.1	1848.7	1785.9	1723.3
42.5°	3203.5	3003.8	2804.3	2604.5	2404.7	2311.1	2217.8	2124.1	2030.5	1988.5	1946.8
45°	3250.7	3062.5	2874.4	2686.1	2497.8	2443.3	2389.1	2334.6	2280.3	2251.4	2222.7
47.5°	3343.8	3139.6	2935.7	2731.5	2527.3	2502.8	2478.3	2453.5	2429.0	2442.8	2456.6
50°	3396.0	3187.6	2979.3	2770.9	2562.5	2569.6	2576.3	2583.4	2590.4	2688.5	2786.3
52.5°	3497.2	3286.7	3076.3	2865.8	2655.4	2699.7	2743.8	2788.1	2832.2	2967.3	3102.1
55°	3677.9	3471.1	3264.3	3057.2	2850.4	2908.8	2967.3	3025.9	3084.4	3227.8	3371.0
57.5°	3945.7	3740.5	3535.5	3330.3	3125.3	3183.5	3241.6	3299.8	3357.9	3487.5	3616.9
60°	4282.9	4072.2	3861.8	3651.1	3440.6	3462.5	3484.1	3506.1	3528.0	3667.2	3806.2
62.5°	4545.6	4351.8	4158.3	3964.5	3771.0	3746.8	3722.8	3698.5	3674.5	3780.4	3886.0
65°	4606.6	4470.2	4334.1	4197.7	4061.3	3986.7	3912.4	3837.8	3763.2	3806.0	3848.7
67.5°	4431.9	4339.8	4248.0	4155.9	4063.9	3908.2	3752.5	3596.5	3440.9	3418.2	3395.5
70°	4026.3	3976.0	3925.9	3875.6	3825.5	3585.6	3345.9	3106.0	2866.3	2808.7	2751.1
72.5°	3177.2	3208.5	3239.8	3271.3	3302.6	3045.8	2789.1	2532.3	2275.4	2202.4	2129.6
75°	2240.4	2346.6	2452.7	2558.9	2665.0	2430.8	2196.9	1962.7	1728.5	1658.4	1588.5
77.5°	1214.8	1413.7	1612.7	1811.7	2010.7	1817.4	1624.5	1431.2	1238.0	1189.2	1140.7
80°	575.8	690.6	805.1	919.8	1034.6	991.0	947.4	903.6	860.1	870.8	881.5
82.5°	176.6	259.5	342.4	425.3	508.3	514.8	521.1	527.6	534.1	550.3	566.2
85°	59.2	81.1	103.0	124.9	146.8	185.4	224.0	262.9	301.5	276.4	251.7
87.5°	0.0	0.8	1.3	2.1	2.6	8.1	13.6	19.0	24.5	21.1	18.0
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: P366941

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

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3
2.5°	694.0	705.4	705.7	706.2	706.5	706.7	708.0	709.3	710.9	712.2	703.6
5°	943.3	951.6	936.2	920.8	905.2	889.8	903.6	917.5	931.3	945.1	939.1
7.5°	1062.5	1057.2	1055.4	1053.9	1052.0	1050.5	1055.7	1060.9	1066.1	1071.3	1070.8
10°	1157.9	1181.6	1187.4	1193.1	1199.1	1204.8	1192.9	1180.9	1168.9	1156.9	1151.9
12.5°	1244.7	1268.7	1287.8	1306.8	1326.1	1345.2	1327.9	1311.0	1293.8	1276.8	1260.7
15°	1234.8	1251.3	1266.9	1282.6	1298.2	1313.9	1308.1	1302.6	1296.9	1291.2	1288.6
17.5°	1258.6	1268.5	1264.8	1261.2	1257.3	1253.6	1251.8	1250.2	1248.4	1246.6	1240.3
20°	1220.0	1229.4	1227.0	1224.9	1222.6	1220.2	1218.7	1217.1	1215.5	1214.0	1209.0
22.5°	1186.1	1171.2	1167.3	1163.6	1159.7	1156.1	1156.6	1157.1	1157.4	1157.9	1180.3
25°	1225.7	1188.9	1174.6	1160.3	1145.6	1131.3	1137.8	1144.1	1150.6	1157.1	1189.5
27.5°	1233.0	1177.7	1154.8	1131.8	1108.9	1085.9	1109.4	1132.9	1156.3	1179.8	1232.2
30°	1288.3	1233.3	1201.2	1169.4	1137.3	1105.5	1135.5	1165.5	1195.5	1225.4	1282.3
32.5°	1335.8	1297.2	1274.2	1251.3	1228.3	1205.4	1206.7	1207.7	1209.0	1210.3	1290.4
35°	1374.9	1317.8	1296.9	1276.3	1255.4	1234.8	1265.9	1296.9	1327.9	1359.0	1431.0
37.5°	1542.3	1504.0	1465.6	1427.6	1389.2	1351.2	1375.9	1400.7	1425.7	1450.5	1530.1
40°	1660.4	1597.9	1587.9	1578.3	1568.4	1558.7	1571.5	1584.0	1596.8	1609.6	1679.2
42.5°	1904.8	1862.8	1836.0	1809.4	1782.5	1755.9	1766.1	1776.2	1786.7	1796.8	1862.8
45°	2193.8	2164.8	2147.1	2129.3	2111.4	2093.6	2078.2	2063.1	2047.7	2032.6	2099.6
47.5°	2470.5	2484.3	2523.4	2562.3	2601.4	2640.2	2608.4	2576.6	2544.5	2512.7	2513.0
50°	2884.3	2982.1	3001.9	3021.5	3041.3	3060.9	2993.1	2925.3	2857.2	2789.4	2781.3
52.5°	3237.2	3372.0	3379.0	3386.1	3393.4	3400.4	3373.1	3345.7	3318.0	3290.6	3217.9
55°	3514.4	3657.6	3667.2	3676.6	3686.3	3695.6	3671.7	3647.9	3623.9	3599.9	3526.4
57.5°	3746.5	3875.9	3881.6	3887.1	3892.8	3898.5	3900.4	3902.2	3904.3	3906.1	3806.7
60°	3945.5	4084.7	4073.3	4062.1	4050.6	4039.4	4022.2	4004.9	3987.7	3970.5	3906.4
62.5°	3991.9	4097.8	4080.1	4062.6	4044.8	4027.4	4012.8	3998.4	3983.8	3969.2	3928.3
65°	3891.5	3934.3	3916.0	3897.8	3879.2	3861.0	3851.6	3842.5	3833.1	3823.7	3818.5
67.5°	3372.5	3349.8	3371.5	3393.1	3414.8	3436.4	3465.9	3495.4	3525.1	3554.6	3537.3
70°	2693.2	2635.5	2659.5	2683.3	2707.3	2731.0	2775.6	2820.2	2865.0	2909.6	2897.6
72.5°	2056.6	1983.6	1987.0	1990.3	1994.0	1997.4	1996.1	1995.0	1993.7	1992.4	2013.3
75°	1518.3	1448.2	1415.0	1381.9	1348.8	1315.7	1307.6	1299.5	1291.4	1283.3	1322.2
77.5°	1091.9	1043.4	1020.7	998.3	975.6	953.2	964.7	976.1	987.9	999.3	1012.9
80°	892.4	903.1	885.6	868.4	851.0	833.5	846.5	859.3	872.3	885.4	845.0
82.5°	582.3	598.3	544.5	490.8	437.1	383.4	416.0	448.6	481.4	514.0	497.3
85°	226.6	201.9	172.1	142.7	112.9	83.2	108.2	133.3	158.3	183.3	200.0
87.5°	14.6	11.5	9.1	6.8	4.2	1.8	3.9	6.0	8.3	10.4	17.5
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: P366941

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

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3	551.3
2.5°	695.3	686.7	678.3	661.9	645.5	629.0	612.6	635.5	658.5	681.4	704.4
5°	933.4	927.4	921.6	923.2	924.8	926.6	928.1	931.5	934.9	938.1	941.4
7.5°	1070.5	1070.0	1069.5	1057.5	1045.5	1033.2	1021.3	1027.2	1033.2	1039.2	1045.2
10°	1147.2	1142.3	1137.3	1111.0	1084.6	1058.0	1031.7	1020.2	1008.5	997.0	985.5
12.5°	1244.5	1228.1	1211.9	1183.7	1155.8	1127.7	1099.5	1089.1	1078.4	1067.9	1057.2
15°	1286.2	1283.6	1281.3	1261.2	1240.8	1220.8	1200.4	1164.7	1128.7	1093.0	1057.2
17.5°	1234.1	1227.5	1221.3	1253.1	1284.6	1316.5	1348.3	1311.2	1274.2	1237.2	1200.2
20°	1204.1	1199.1	1194.2	1253.4	1312.3	1371.5	1430.4	1414.0	1397.3	1380.9	1364.5
22.5°	1202.8	1225.4	1247.9	1299.8	1351.4	1403.3	1454.9	1483.4	1512.1	1540.5	1568.9
25°	1221.8	1254.4	1286.7	1372.8	1458.9	1545.2	1631.2	1663.8	1696.2	1728.8	1761.1
27.5°	1284.4	1336.8	1389.0	1464.1	1539.2	1614.5	1689.7	1760.9	1832.3	1903.5	1974.7
30°	1338.9	1395.7	1452.6	1542.0	1631.2	1720.7	1809.9	1899.1	1988.3	2077.4	2166.6
32.5°	1370.4	1450.8	1530.8	1639.6	1748.1	1856.8	1965.6	2063.4	2161.2	2258.7	2356.5
35°	1502.9	1575.2	1647.1	1767.4	1887.6	2008.1	2128.3	2249.3	2370.3	2491.1	2612.1
37.5°	1609.6	1689.4	1768.9	1900.4	2031.5	2163.0	2294.4	2461.6	2629.0	2796.2	2963.4
40°	1748.9	1818.5	1888.1	2011.2	2134.0	2257.1	2380.2	2592.2	2804.3	3016.0	3228.1
42.5°	1928.5	1994.5	2060.5	2192.2	2323.9	2455.6	2587.3	2822.0	3056.7	3291.2	3525.9
45°	2166.6	2233.9	2300.9	2405.8	2510.6	2615.5	2720.3	2969.9	3219.2	3468.8	3718.1
47.5°	2513.2	2513.5	2513.7	2589.4	2665.0	2740.9	2816.5	3067.9	3319.1	3570.5	3821.6
50°	2773.2	2764.9	2756.8	2795.9	2834.8	2873.9	2913.0	3144.3	3375.9	3607.2	3838.6
52.5°	3145.4	3072.6	3000.1	3023.3	3046.3	3069.5	3092.4	3288.3	3484.4	3680.3	3876.1
55°	3453.1	3379.6	3306.0	3297.4	3288.8	3280.2	3271.6	3451.8	3632.0	3812.2	3992.4
57.5°	3707.6	3608.3	3509.2	3489.4	3469.8	3450.0	3430.2	3620.3	3810.1	4000.2	4190.1
60°	3842.5	3778.3	3714.2	3701.4	3688.3	3675.6	3662.5	3818.5	3974.4	4130.4	4286.3
62.5°	3887.6	3846.6	3806.0	3830.0	3853.9	3878.2	3902.2	3970.8	4039.1	4107.7	4176.0
65°	3813.5	3808.3	3803.1	3852.4	3901.4	3950.7	4000.0	3983.0	3965.8	3948.9	3931.9
67.5°	3520.4	3503.2	3486.2	3594.5	3702.4	3810.7	3918.9	3836.7	3754.3	3672.2	3590.0
70°	2885.6	2873.4	2861.4	3017.3	3173.3	3329.5	3485.5	3385.8	3286.2	3186.6	3087.0
72.5°	2033.9	2054.8	2075.6	2259.5	2443.1	2626.9	2810.5	2710.1	2609.7	2509.3	2408.9
75°	1360.8	1399.7	1438.5	1627.8	1817.2	2006.8	2196.1	2078.2	1960.4	1842.5	1724.6
77.5°	1026.5	1040.0	1053.6	1173.3	1293.0	1413.0	1532.7	1435.4	1337.8	1240.6	1143.0
80°	804.5	763.9	723.4	762.8	802.2	841.6	880.9	822.8	764.6	706.7	648.6
82.5°	480.6	463.9	447.3	468.6	489.8	511.1	532.5	507.5	482.2	457.2	431.9
85°	216.5	233.1	249.6	271.2	292.6	314.3	335.9	301.0	266.0	231.1	196.1
87.5°	24.3	31.3	38.3	47.5	56.6	65.7	74.8	58.4	41.7	25.3	8.9
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: P366941

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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	551.3	551.3
2.5°	717.7	731.0
5°	941.2	940.7
7.5°	1029.6	1013.7
10°	970.9	956.3
12.5°	1019.9	982.7
15°	1029.1	1000.9
17.5°	1154.3	1108.1
20°	1305.3	1245.8
22.5°	1487.5	1405.9
25°	1664.1	1567.1
27.5°	1916.5	1858.1
30°	2107.7	2048.5
32.5°	2316.3	2276.2
35°	2572.2	2532.0
37.5°	2973.8	2984.0
40°	3234.3	3240.6
42.5°	3550.1	3574.4
45°	3745.2	3772.3
47.5°	3859.4	3897.2
50°	3899.6	3960.6
52.5°	3951.5	4026.6
55°	4076.1	4159.9
57.5°	4256.9	4323.6
60°	4289.5	4292.6
62.5°	4127.8	4079.5
65°	3880.5	3829.2
67.5°	3559.0	3527.7
70°	3045.8	3004.6
72.5°	2332.2	2255.6
75°	1629.7	1534.7
77.5°	1093.2	1043.4
80°	650.1	651.5
82.5°	443.9	455.6
85°	193.8	191.2
87.5°	6.3	3.4
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0

REPORT NUMBER: P366941

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

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)