

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: P367051

Luminaire Tested: **MSA-SA1D-740-U-SLR-HSS**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367051
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-SA1D-740-U-SLR-HSS
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5002 lumens
Efficiency: N/A
Efficacy: 74.7 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

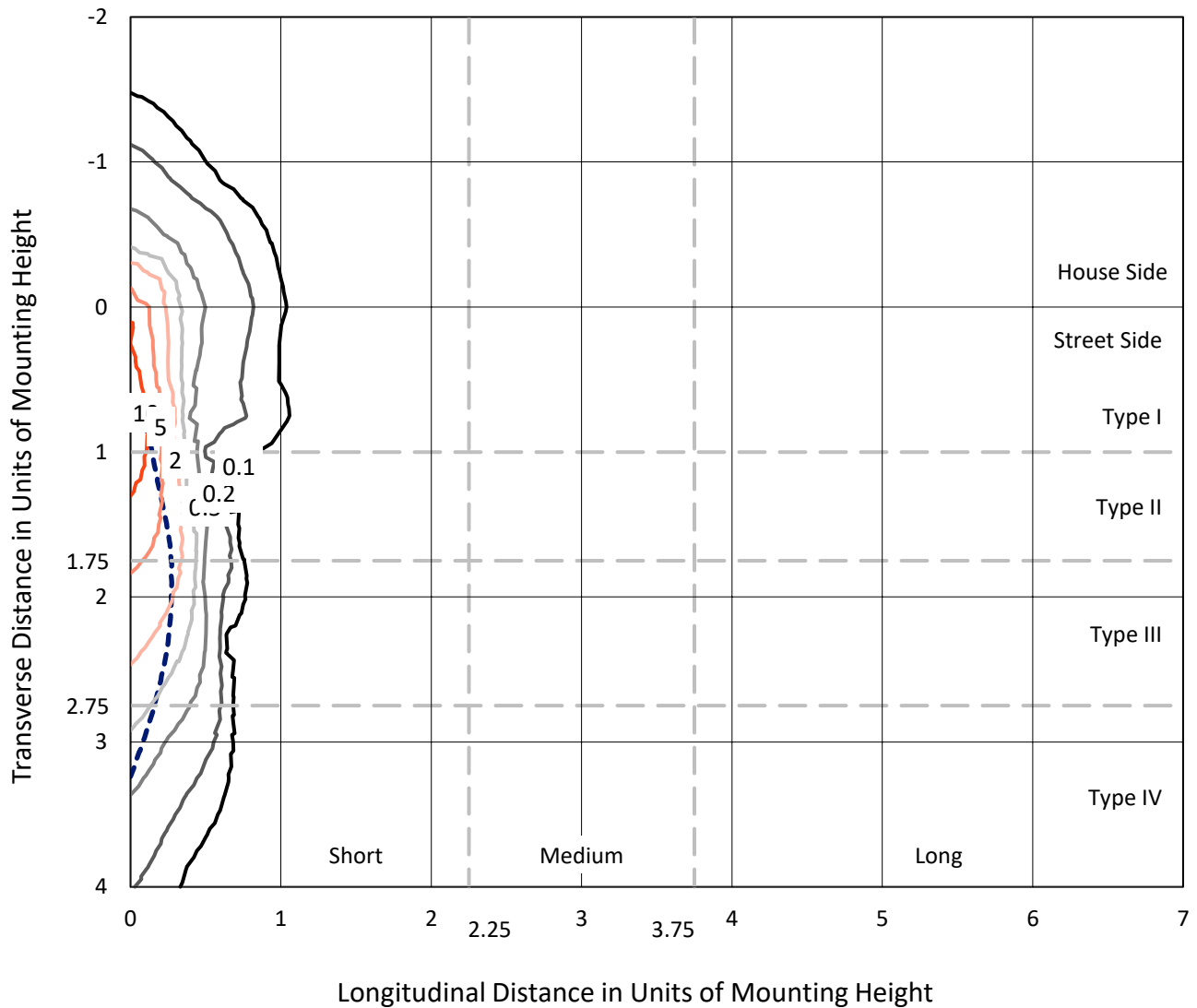
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

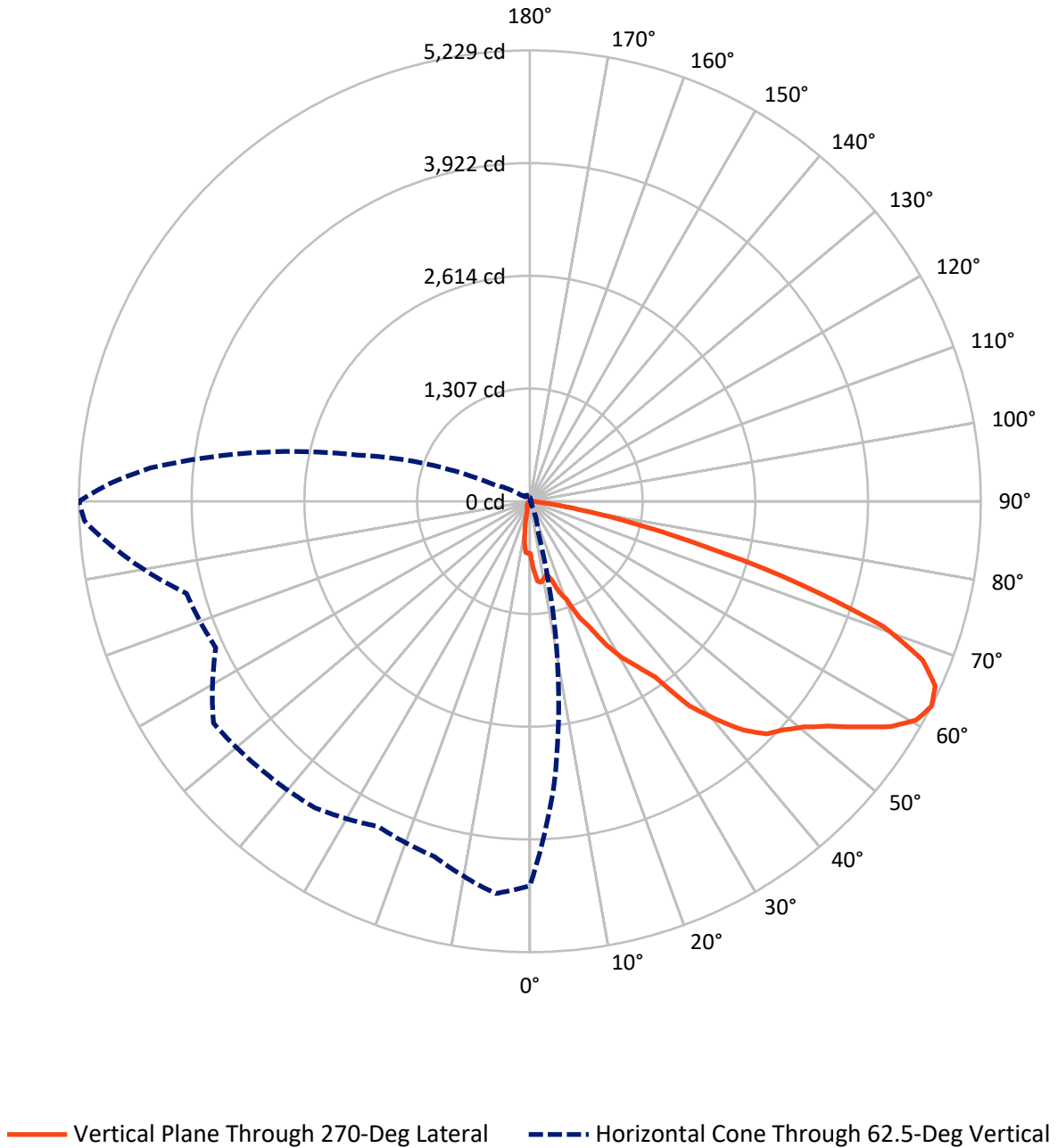
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 16.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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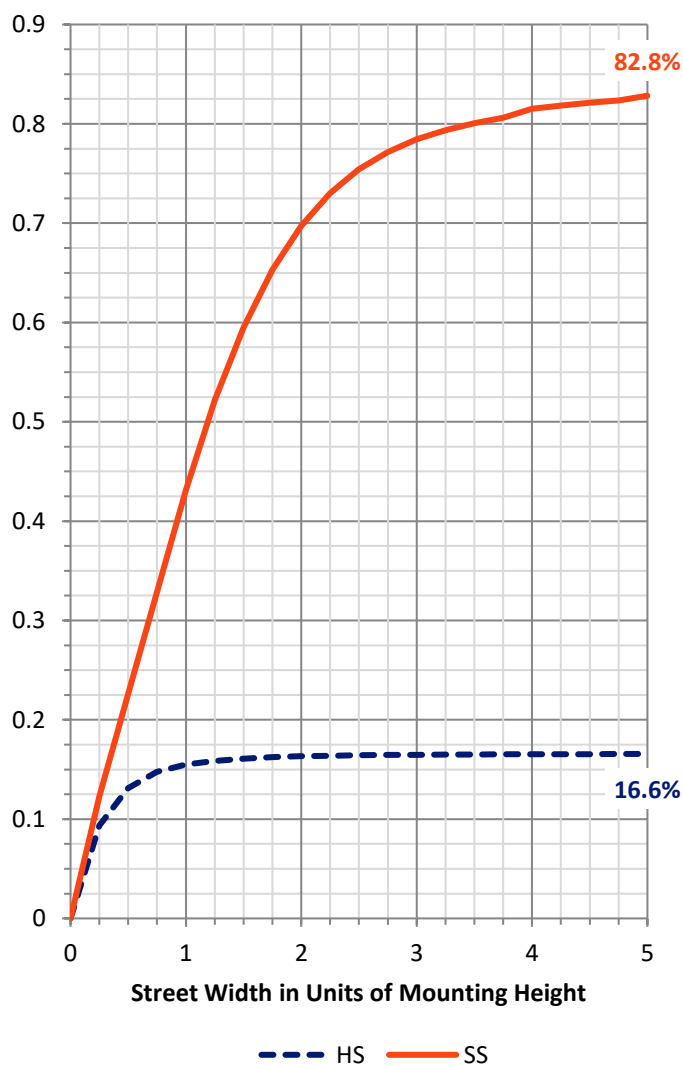
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	835.3	0.0	835.3
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	4166.7	0.0	4166.7
	% Fixture	83.3	0.0	83.3
Total	Lumens	5002.0	0.0	5002.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.4	1.3
10°-20°	175.9	3.5
20°-30°	284.3	5.7
30°-40°	476.2	9.5
40°-50°	778.5	15.6
50°-60°	1152.5	23.0
60°-70°	1323.1	26.5
70°-80°	654.2	13.1
80°-90°	89.9	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°	5002.0	100.0
0°-180°	5002.0	100.0

Coefficient of Utilization

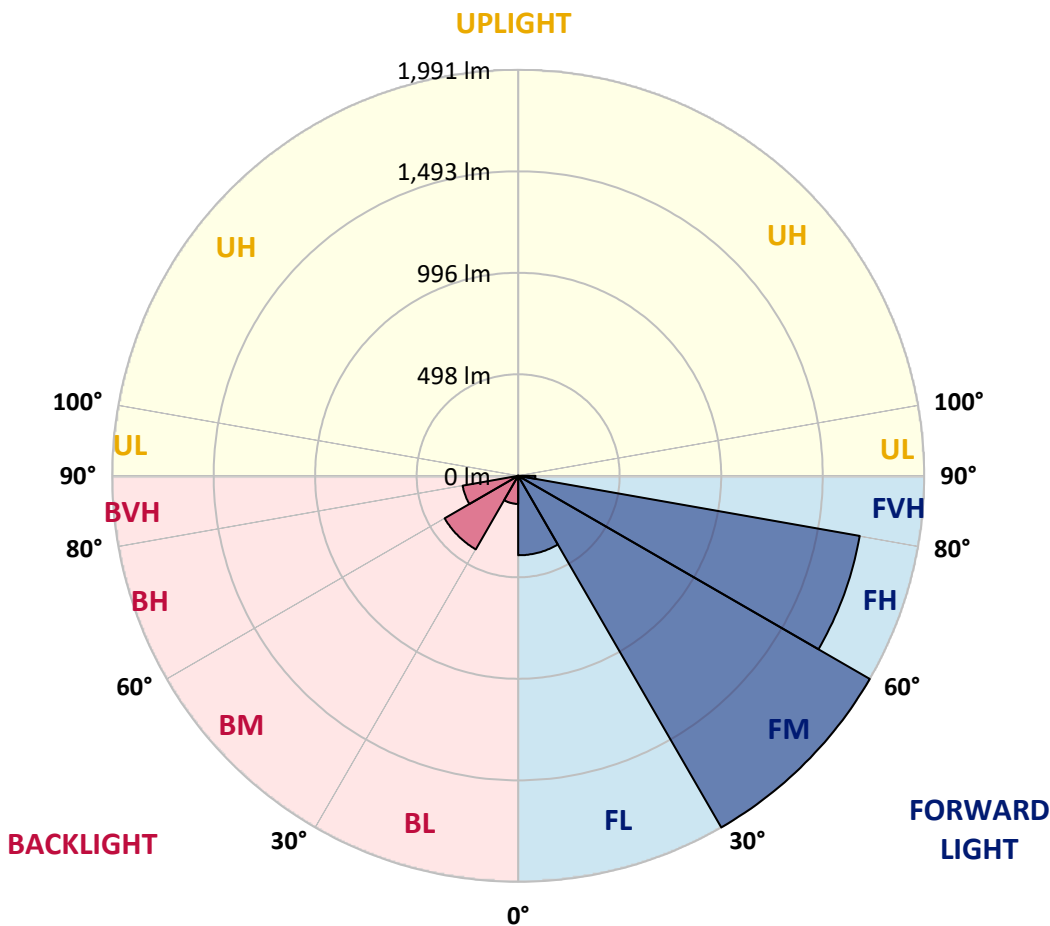


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	389.7	7.8			
FM (30°-60°)	1991.1	39.8			
FH (60°-80°)	1700.9	34.0			G1/1800
FVH (80°-90°)	85.1	1.7			G1/100
BL (0°-30°)	137.9	2.8	B1/500		
BM (30°-60°)	416.2	8.3	B1/1000		
BH (60°-80°)	276.4	5.5	B1/500		G1/500
BVH (80°-90°)	4.8	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
 Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8
2.5°	799.2	809.2	818.9	800.4	781.8	763.3	744.8	728.2	711.7	694.9	678.3
5°	1028.5	1010.2	992.0	966.9	941.8	916.7	891.6	879.9	868.2	856.5	844.8
7.5°	1108.3	1075.8	1043.0	1020.8	998.8	976.6	954.3	919.3	883.9	848.8	813.5
10°	1045.6	1011.1	976.3	956.9	937.5	918.1	898.7	855.1	811.2	767.6	723.7
12.5°	1074.4	1037.0	999.7	959.7	919.8	879.9	840.0	806.6	773.0	739.6	706.0
15°	1094.3	1051.6	1008.5	962.9	917.3	871.6	826.0	786.7	747.6	708.3	668.9
17.5°	1211.5	1150.2	1088.9	1018.8	948.6	878.5	808.3	762.7	717.4	671.8	626.1
20°	1362.1	1275.1	1187.9	1092.9	998.0	903.0	808.1	751.3	694.6	637.8	581.1
22.5°	1537.1	1428.5	1319.6	1202.4	1085.5	968.3	851.1	769.6	688.0	606.5	524.9
25°	1713.3	1615.3	1517.2	1359.5	1201.8	1043.9	886.2	782.7	678.9	575.4	471.6
27.5°	2031.5	1856.2	1680.8	1480.1	1279.7	1078.9	878.2	759.6	641.0	522.1	403.5
30°	2239.7	2104.8	1969.7	1704.5	1439.6	1174.4	909.3	759.0	608.8	458.2	307.9
32.5°	2488.6	2291.3	2093.7	1806.0	1518.3	1230.6	942.9	766.4	589.6	413.2	236.4
35°	2768.3	2553.6	2338.9	1974.5	1610.1	1245.4	881.1	710.0	538.9	367.8	196.7
37.5°	3262.5	2903.2	2543.9	2119.1	1694.0	1269.1	844.0	673.2	502.1	331.3	160.2
40°	3543.0	3200.0	2857.0	2326.1	1795.2	1264.3	733.4	581.7	430.3	278.6	126.9
42.5°	3908.0	3472.9	3037.5	2444.1	1850.8	1257.4	664.1	523.8	383.5	242.9	102.6
45°	4124.4	3631.4	3138.4	2495.5	1852.5	1209.5	566.6	445.1	323.6	202.2	80.7
47.5°	4261.0	3766.6	3272.1	2581.9	1891.8	1201.5	511.2	399.5	287.7	175.9	64.2
50°	4330.3	3834.4	3338.3	2628.9	1919.5	1209.8	500.4	389.2	277.7	166.5	55.0
52.5°	4402.4	3924.2	3445.8	2710.4	1975.1	1239.7	504.4	390.9	277.7	164.2	50.8
55°	4548.1	4076.5	3604.6	2827.3	2050.1	1272.8	495.6	383.8	272.0	160.0	48.2
57.5°	4727.2	4223.1	3718.7	2912.9	2107.1	1301.3	495.6	383.2	270.9	158.2	45.9
60°	4693.2	4146.1	3598.6	2816.8	2035.0	1252.9	471.0	364.1	257.5	150.5	43.6
62.5°	4460.3	3866.4	3272.1	2549.6	1826.8	1104.3	381.5	296.2	211.0	125.5	40.2
65°	4186.6	3556.1	2925.4	2260.5	1595.3	930.4	265.2	208.1	150.8	93.8	36.5
67.5°	3857.0	3184.6	2512.3	1920.9	1329.8	738.5	147.1	118.6	90.1	61.3	32.8
70°	3285.0	2591.0	1896.7	1442.2	988.0	533.5	79.0	66.7	54.5	42.2	29.9
72.5°	2466.1	1830.2	1194.4	907.3	620.4	333.3	46.2	41.6	36.8	32.2	27.4
75°	1678.0	1201.5	725.1	552.0	379.2	206.1	33.1	30.8	28.2	25.9	23.4
77.5°	1140.8	825.2	509.5	388.9	268.3	147.7	27.1	25.7	24.2	22.5	21.1
80°	712.3	487.6	262.9	202.4	141.7	81.3	20.5	19.7	18.8	17.7	16.8
82.5°	498.1	298.0	97.8	76.4	55.0	33.4	12.0	12.3	12.5	12.5	12.8
85°	209.0	112.9	16.8	14.3	11.7	9.1	6.6	7.1	8.0	8.6	9.1
87.5°	3.7	2.0	0.0	0.6	1.4	2.0	2.6	3.4	4.0	4.8	5.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8
2.5°	682.6	686.9	690.9	695.1	691.7	688.6	685.2	681.7	676.6	671.8	666.6
5°	830.6	816.3	802.1	787.8	766.1	744.5	722.5	700.8	698.3	695.7	692.9
7.5°	780.1	746.8	713.1	679.7	648.4	617.0	585.7	554.3	544.6	535.2	525.5
10°	698.0	672.3	646.4	620.7	598.2	575.4	552.9	530.1	506.4	482.7	458.8
12.5°	679.2	652.4	625.3	598.5	578.0	557.4	536.9	516.4	489.9	463.3	436.8
15°	639.8	610.7	581.7	552.6	525.2	497.8	470.2	442.8	410.9	378.9	347.0
17.5°	591.6	557.4	522.9	488.4	452.5	416.6	380.6	344.7	307.9	271.4	234.7
20°	534.3	487.6	440.5	393.8	349.3	304.8	260.0	215.6	192.5	169.7	146.6
22.5°	464.5	403.7	343.3	282.6	246.1	209.3	172.8	136.0	126.0	116.0	106.1
25°	402.9	334.2	265.5	196.7	173.6	150.5	127.5	104.4	99.8	94.9	90.4
27.5°	338.7	274.3	209.6	144.8	131.7	118.3	105.2	91.8	88.7	85.8	82.7
30°	259.8	211.6	163.1	114.9	106.4	97.8	89.0	80.4	79.0	77.3	75.8
32.5°	201.3	165.9	130.9	95.5	90.7	85.8	81.0	76.1	73.8	71.6	69.0
35°	168.2	140.0	111.5	83.0	79.6	75.8	72.4	68.7	66.4	63.9	61.6
37.5°	139.4	118.9	98.1	77.3	73.6	69.9	65.9	62.2	60.4	58.7	57.0
40°	114.9	102.9	91.0	79.0	73.6	68.1	62.7	57.3	55.9	54.5	53.0
42.5°	94.9	87.2	79.3	71.6	67.6	63.9	59.9	55.9	53.9	51.6	49.6
45°	76.7	72.4	68.4	64.2	64.4	64.7	64.7	65.0	59.9	54.5	49.3
47.5°	62.2	60.2	57.9	55.9	58.2	60.4	62.4	64.7	59.3	53.9	48.2
50°	53.3	51.9	50.2	48.5	50.8	53.3	55.6	57.9	55.6	53.6	51.3
52.5°	48.8	46.8	44.8	42.8	43.6	44.8	45.6	46.5	46.5	46.5	46.5
55°	45.9	43.9	41.6	39.3	38.5	37.4	36.5	35.4	33.9	32.8	31.4
57.5°	43.6	41.3	38.8	36.5	35.1	33.4	31.9	30.2	28.8	27.1	25.7
60°	41.3	39.1	36.5	34.2	32.8	31.4	29.7	28.2	26.5	25.1	23.4
62.5°	38.2	36.2	34.2	32.2	30.8	29.7	28.2	26.8	25.1	23.4	21.4
65°	34.8	33.4	31.6	29.9	28.5	27.1	25.7	24.2	22.5	21.1	19.4
67.5°	31.6	30.2	29.1	27.7	25.9	24.5	22.8	21.1	20.0	18.8	17.4
70°	29.1	27.9	27.1	25.9	24.2	22.8	21.1	19.4	18.5	17.4	16.5
72.5°	26.5	25.7	24.5	23.7	22.2	20.8	19.4	18.0	17.1	16.3	15.4
75°	22.8	22.2	21.7	21.1	19.7	18.2	16.5	15.1	14.8	14.5	14.3
77.5°	20.5	20.2	19.7	19.1	17.7	16.3	14.8	13.4	13.7	14.0	14.0
80°	16.8	16.8	16.5	16.5	15.4	14.3	12.8	11.7	12.3	13.1	13.7
82.5°	12.8	12.8	12.8	12.8	11.7	10.5	9.4	8.3	9.1	9.7	10.5
85°	8.8	8.6	8.3	8.0	7.1	6.6	5.7	4.8	6.0	6.8	8.0
87.5°	5.4	5.7	5.7	5.7	5.1	4.3	3.7	2.9	3.4	3.7	4.3
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



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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: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8
2.5°	661.5	652.9	644.4	635.6	627.0	607.0	587.1	567.1	547.2	562.0	576.5
5°	690.3	673.8	656.9	640.4	623.6	616.2	609.0	601.6	594.2	595.4	596.8
7.5°	515.8	505.0	494.1	483.0	472.2	469.9	467.9	465.6	463.3	468.2	472.7
10°	435.1	420.0	404.6	389.5	374.1	365.8	357.6	349.3	341.0	340.2	339.0
12.5°	410.3	387.2	364.4	341.3	318.2	300.2	282.3	264.3	246.4	247.8	249.2
15°	315.1	292.0	269.2	246.1	223.0	208.4	193.6	179.1	164.2	160.0	155.7
17.5°	197.9	180.8	163.7	146.3	129.2	124.3	119.8	114.9	110.1	108.6	107.2
20°	123.5	116.0	108.6	100.9	93.5	92.4	91.2	90.1	89.0	89.8	90.7
22.5°	96.1	93.0	89.5	86.4	83.0	81.8	80.7	79.6	78.4	79.3	79.8
25°	85.5	83.3	81.0	78.7	76.4	75.3	73.8	72.7	71.3	71.9	72.7
27.5°	79.6	77.6	75.6	73.6	71.6	69.6	67.9	65.9	63.9	65.0	65.9
30°	74.1	71.9	69.9	67.6	65.3	63.3	61.3	59.0	57.0	58.2	59.3
32.5°	66.7	64.7	62.4	60.4	58.2	57.0	55.9	54.5	53.3	54.2	54.7
35°	59.0	57.3	55.9	54.2	52.5	51.3	50.5	49.3	48.2	48.5	49.0
37.5°	55.3	53.3	51.3	49.3	47.3	46.8	46.2	45.3	44.8	44.8	44.8
40°	51.6	49.6	47.6	45.3	43.3	42.5	41.6	40.8	39.9	39.9	39.9
42.5°	47.3	45.3	43.3	41.3	39.3	38.5	37.4	36.5	35.4	35.4	35.4
45°	43.9	41.9	40.2	38.2	36.2	34.8	33.4	31.6	30.2	29.9	29.7
47.5°	42.8	39.9	37.1	34.2	31.4	29.9	28.5	26.8	25.4	25.1	24.8
50°	49.0	43.3	37.6	31.9	26.2	25.1	24.0	22.8	21.7	21.1	20.8
52.5°	46.5	40.5	34.5	28.5	22.5	21.7	20.8	20.0	19.1	18.5	18.0
55°	29.9	27.4	25.1	22.5	20.0	19.4	18.8	18.0	17.4	16.8	16.3
57.5°	24.0	22.5	21.4	20.0	18.5	18.0	17.4	16.5	16.0	15.1	14.5
60°	21.7	20.5	19.4	18.2	17.1	16.5	16.0	15.4	14.8	14.0	13.4
62.5°	19.7	18.8	18.0	17.1	16.3	15.7	15.1	14.5	14.0	13.1	12.3
65°	17.7	17.1	16.5	16.0	15.4	14.8	14.3	13.4	12.8	12.0	11.1
67.5°	16.3	16.0	15.7	15.4	15.1	14.5	13.7	13.1	12.3	11.4	10.3
70°	15.4	15.4	15.4	15.1	15.1	14.5	13.7	13.1	12.3	11.1	10.3
72.5°	14.5	14.8	15.1	15.1	15.4	14.5	13.7	12.8	12.0	10.8	10.0
75°	14.0	14.3	14.5	14.5	14.8	14.3	13.7	12.8	12.3	11.1	10.0
77.5°	14.3	14.5	14.5	14.8	14.8	14.3	13.7	12.8	12.3	10.8	9.4
80°	14.3	14.0	13.7	13.1	12.8	11.7	10.5	9.1	8.0	6.3	4.8
82.5°	11.1	10.5	10.3	9.7	9.1	8.0	6.8	5.7	4.6	3.4	2.3
85°	8.8	8.3	8.0	7.4	6.8	6.0	4.8	4.0	2.9	2.3	1.4
87.5°	4.6	4.3	3.7	3.4	2.9	2.3	1.4	0.9	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: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8
2.5°	591.4	605.9	603.9	601.9	611.3	620.7	613.9	607.3	600.5	593.6	579.4
5°	597.9	599.1	597.1	594.8	595.1	595.4	590.8	586.2	581.7	577.1	576.2
7.5°	477.6	482.2	488.4	494.4	494.7	494.7	491.3	487.9	484.2	480.7	482.4
10°	338.2	337.0	338.7	340.4	340.2	339.6	348.7	357.8	366.7	375.8	369.2
12.5°	250.3	251.8	244.6	237.5	240.1	242.4	243.8	245.2	246.6	248.1	252.1
15°	151.4	147.1	142.0	136.9	139.4	141.7	144.3	146.6	149.1	151.4	154.0
17.5°	105.5	104.1	101.8	99.2	99.5	99.8	100.1	100.4	100.4	100.7	101.2
20°	91.5	92.4	90.7	88.7	88.1	87.2	86.7	86.1	85.3	84.7	83.8
22.5°	80.7	81.3	81.5	81.5	80.4	79.0	77.8	77.0	75.8	74.7	74.1
25°	73.3	73.8	73.3	72.4	71.9	71.3	70.7	69.9	69.3	68.4	68.1
27.5°	67.0	67.9	67.9	67.6	67.0	66.2	64.7	63.6	62.2	60.7	61.0
30°	60.4	61.6	61.6	61.3	61.0	60.7	59.3	57.9	56.5	55.0	55.6
32.5°	55.6	56.2	55.9	55.6	55.6	55.3	54.2	53.3	52.2	51.0	51.0
35°	49.3	49.6	49.6	49.6	49.6	49.3	48.5	47.6	46.8	45.9	46.2
37.5°	44.8	44.8	45.6	46.2	45.6	45.1	44.5	43.6	43.1	42.2	42.2
40°	39.6	39.6	40.5	41.1	40.5	39.9	39.6	39.1	38.8	38.2	38.2
42.5°	35.1	35.1	35.9	36.5	36.5	36.2	35.6	35.1	34.5	33.9	34.2
45°	29.4	29.1	30.5	31.6	31.1	30.5	30.5	30.2	30.2	29.9	30.2
47.5°	24.2	24.0	25.1	26.2	25.9	25.4	25.4	25.4	25.4	25.4	25.7
50°	20.2	19.7	20.8	21.7	21.4	20.8	20.8	21.1	21.1	21.1	21.4
52.5°	17.4	16.8	17.7	18.2	18.0	17.7	17.7	18.0	18.0	18.0	18.2
55°	15.4	14.8	15.7	16.3	16.0	15.4	15.7	15.7	16.0	16.0	16.0
57.5°	13.7	12.8	13.4	14.0	14.0	13.7	14.0	14.0	14.3	14.3	14.3
60°	12.5	11.7	12.3	12.5	12.5	12.3	12.5	12.5	12.8	12.8	12.8
62.5°	11.1	10.3	10.8	11.1	11.1	10.8	11.1	11.1	11.4	11.4	11.4
65°	10.0	9.1	9.4	9.7	9.7	9.7	10.0	10.0	10.3	10.3	10.3
67.5°	9.4	8.3	8.6	8.8	8.8	8.8	9.1	9.1	9.4	9.4	9.7
70°	9.1	8.0	8.3	8.3	8.6	8.6	8.6	8.8	8.8	8.8	8.8
72.5°	8.8	7.7	7.7	7.7	8.0	8.0	8.0	8.3	8.3	8.3	8.3
75°	8.8	7.7	7.4	7.1	7.4	7.4	7.4	7.7	7.7	7.7	7.7
77.5°	7.7	6.3	5.7	4.8	5.7	6.3	6.6	6.6	6.8	6.8	6.8
80°	3.1	1.4	0.9	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0
82.5°	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.9	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: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8
2.5°	565.1	550.9	536.6	543.5	550.3	557.1	564.0	563.4	562.6	562.0	561.1
5°	575.7	574.8	574.0	570.0	566.3	562.3	558.3	557.4	556.3	555.4	554.3
7.5°	484.2	485.6	487.3	482.7	478.2	473.6	469.0	457.3	445.7	433.7	422.0
10°	362.7	355.8	349.3	348.7	348.1	347.6	347.0	345.9	344.7	343.3	342.2
12.5°	256.3	260.3	264.3	262.9	261.5	259.8	258.3	260.3	262.6	264.6	266.6
15°	156.3	158.8	161.1	166.2	171.4	176.5	181.6	183.6	185.9	187.9	189.9
17.5°	101.8	102.1	102.6	108.3	113.8	119.5	124.9	128.6	132.3	135.7	139.4
20°	83.0	82.1	81.3	84.4	87.5	90.7	93.8	97.2	100.7	104.1	107.5
22.5°	73.8	73.3	72.7	73.8	75.0	75.8	77.0	79.6	82.4	85.0	87.5
25°	67.9	67.3	67.0	67.6	68.1	68.7	69.3	70.7	72.1	73.6	75.0
27.5°	61.0	61.3	61.3	61.9	62.2	62.7	63.0	63.6	64.4	65.0	65.6
30°	55.9	56.5	56.7	57.3	57.6	58.2	58.5	58.2	57.9	57.6	57.3
32.5°	51.0	50.8	50.8	51.3	51.6	52.2	52.5	53.0	53.6	53.9	54.5
35°	46.2	46.5	46.5	46.5	46.8	46.8	46.8	47.3	48.2	48.8	49.3
37.5°	41.9	41.9	41.6	42.5	43.1	43.9	44.5	45.1	45.9	46.5	47.0
40°	38.2	38.2	38.2	38.8	39.3	39.6	40.2	41.6	43.1	44.5	45.9
42.5°	34.2	34.5	34.5	35.1	35.6	35.9	36.5	37.6	38.5	39.6	40.5
45°	30.5	30.8	31.1	31.6	31.9	32.5	32.8	33.4	33.6	34.2	34.5
47.5°	26.2	26.5	26.8	27.4	27.7	28.2	28.5	28.2	28.2	27.9	27.7
50°	22.0	22.2	22.5	23.4	24.0	24.8	25.4	24.8	24.2	23.4	22.8
52.5°	18.5	18.5	18.8	19.4	20.0	20.2	20.8	20.5	20.2	20.0	19.7
55°	16.0	16.0	16.0	16.3	16.5	16.8	17.1	17.4	17.4	17.7	17.7
57.5°	14.3	14.0	14.0	14.3	14.5	14.5	14.8	15.1	15.1	15.4	15.4
60°	12.8	12.5	12.5	12.8	13.1	13.4	13.7	13.7	13.7	13.4	13.4
62.5°	11.4	11.4	11.4	11.7	11.7	12.0	12.0	12.0	12.3	12.3	12.3
65°	10.5	10.5	10.5	10.5	10.5	10.3	10.3	10.5	10.5	10.8	10.8
67.5°	9.7	10.0	10.0	9.7	9.4	9.1	8.8	9.1	9.1	9.4	9.4
70°	8.8	8.8	8.8	8.6	8.3	8.0	7.7	7.7	7.7	7.4	7.4
72.5°	8.3	8.0	8.0	7.7	7.1	6.8	6.3	6.0	6.0	5.7	5.4
75°	7.7	7.4	7.4	6.8	6.3	5.7	5.1	4.8	4.3	4.0	3.4
77.5°	6.8	6.8	6.8	6.0	5.4	4.6	3.7	3.1	2.6	1.7	1.1
80°	2.3	2.6	2.9	2.6	2.6	2.3	2.0	1.4	1.1	0.6	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: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8
2.5°	564.3	567.4	570.5	573.7	574.0	574.3	574.5	574.8	567.7	560.3	553.2
5°	560.0	566.0	571.7	577.4	574.3	571.1	568.0	564.8	564.6	564.6	564.3
7.5°	422.8	423.4	424.3	424.8	426.0	427.1	428.0	429.1	433.7	438.2	442.5
10°	338.4	334.7	330.8	327.0	324.2	321.1	318.2	315.1	317.3	319.9	322.2
12.5°	263.5	260.3	256.9	253.8	252.6	251.5	250.1	248.9	256.3	263.7	270.9
15°	189.3	188.8	187.9	187.3	191.0	194.7	198.5	202.2	208.4	214.4	220.7
17.5°	140.9	142.3	143.7	145.1	147.4	149.7	151.7	154.0	158.5	163.4	167.9
20°	109.2	111.2	112.9	114.6	114.1	113.5	112.6	112.1	115.8	119.5	122.9
22.5°	89.2	90.7	92.4	93.8	94.1	94.4	94.7	94.9	97.2	99.2	101.5
25°	76.4	78.1	79.6	81.0	81.3	81.5	81.8	82.1	85.0	87.8	90.4
27.5°	67.6	69.3	71.3	73.0	73.6	74.1	74.7	75.3	77.0	78.4	80.1
30°	59.6	61.9	64.2	66.4	67.3	68.1	69.0	69.9	71.6	73.6	75.3
32.5°	55.6	57.0	58.2	59.3	61.3	63.0	65.0	66.7	68.7	71.0	73.0
35°	51.0	52.5	54.2	55.6	57.0	58.5	59.6	61.0	62.2	63.3	64.2
37.5°	48.2	49.6	50.8	51.9	52.5	53.0	53.3	53.9	54.5	55.0	55.3
40°	45.9	45.6	45.6	45.3	45.9	46.8	47.3	47.9	49.6	51.0	52.7
42.5°	39.9	39.1	38.5	37.6	39.1	40.2	41.6	42.8	45.1	47.3	49.6
45°	33.9	33.4	32.5	31.9	33.9	35.9	37.9	39.9	42.5	44.8	47.3
47.5°	27.9	28.2	28.2	28.5	30.5	32.5	34.2	36.2	38.8	41.3	43.9
50°	23.4	24.0	24.5	25.1	27.1	28.8	30.8	32.5	35.4	37.9	40.8
52.5°	20.5	21.4	22.0	22.8	24.5	26.5	28.2	29.9	32.5	35.1	37.6
55°	18.5	19.7	20.5	21.4	22.8	24.2	25.7	27.1	29.7	32.2	34.5
57.5°	16.3	17.1	18.0	18.8	20.2	21.7	22.8	24.2	26.5	29.1	31.4
60°	14.3	14.8	15.7	16.3	17.4	18.8	20.0	21.1	23.4	25.7	27.7
62.5°	12.5	13.1	13.4	13.7	14.8	16.0	17.1	18.2	20.2	22.5	24.5
65°	11.1	11.4	11.4	11.7	12.5	13.7	14.5	15.4	17.7	19.7	22.0
67.5°	9.4	9.7	9.7	9.7	10.5	11.4	12.3	13.1	15.1	17.4	19.4
70°	7.4	7.7	7.7	7.7	8.6	9.7	10.5	11.4	13.1	14.8	16.5
72.5°	5.7	5.7	6.0	6.0	6.8	8.0	8.8	9.7	11.1	12.5	14.0
75°	3.7	4.0	4.0	4.3	5.1	6.3	7.1	8.0	9.4	10.8	12.0
77.5°	1.4	2.0	2.3	2.6	3.4	4.3	5.1	6.0	7.1	8.6	9.7
80°	0.0	0.3	0.3	0.3	0.9	1.1	1.7	2.0	2.9	4.0	4.8
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: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8
2.5°	545.7	561.4	577.1	592.8	608.5	627.9	647.2	650.1	652.9	649.5	646.4
5°	564.0	571.7	579.1	586.8	594.2	616.5	638.4	638.7	638.7	639.0	639.0
7.5°	447.1	453.6	460.2	466.5	473.0	487.6	502.1	507.5	512.7	511.5	510.4
10°	324.5	333.0	341.3	349.9	358.1	371.5	384.9	390.1	394.9	410.6	426.6
12.5°	278.3	286.6	294.8	302.8	311.1	324.8	338.4	348.4	358.1	367.8	377.5
15°	226.7	233.2	240.1	246.6	253.2	259.5	265.7	278.0	290.0	299.7	309.4
17.5°	172.5	175.4	177.9	180.8	183.3	186.2	189.0	194.2	199.0	207.6	215.8
20°	126.6	128.9	131.2	133.2	135.4	138.3	141.1	144.8	148.3	150.3	152.0
22.5°	103.5	106.9	110.3	113.5	116.9	118.9	120.9	122.0	123.2	124.0	124.9
25°	93.2	96.4	99.2	102.4	105.2	106.1	106.9	109.2	111.5	111.5	111.5
27.5°	81.5	85.8	90.4	94.7	98.9	100.1	100.9	101.8	102.4	101.2	99.8
30°	77.0	81.3	85.5	89.5	93.8	95.5	96.9	97.8	98.7	97.2	95.8
32.5°	75.0	79.0	82.7	86.7	90.4	92.7	94.7	96.9	98.9	99.2	99.8
35°	65.3	67.9	70.7	73.3	75.8	77.0	78.1	79.0	79.6	79.6	79.6
37.5°	55.9	59.3	63.0	66.4	69.9	72.4	75.0	75.3	75.3	75.8	76.7
40°	54.2	57.6	61.0	64.2	67.6	70.4	73.0	73.3	73.6	74.1	74.7
42.5°	51.9	55.6	59.3	63.0	66.7	69.6	72.1	72.1	71.9	72.7	73.3
45°	49.6	53.3	56.7	60.4	63.9	67.6	71.0	70.1	69.0	70.4	71.6
47.5°	46.5	50.5	54.5	58.2	62.2	65.6	68.7	68.1	67.3	68.7	70.1
50°	43.3	47.3	51.3	55.3	59.3	63.0	66.4	65.9	65.3	67.0	68.4
52.5°	40.2	44.2	48.5	52.5	56.5	59.6	62.4	62.2	61.9	63.6	65.6
55°	37.1	40.8	44.8	48.5	52.2	55.6	58.7	58.2	57.6	59.0	60.4
57.5°	33.6	37.4	40.8	44.5	47.9	50.8	53.3	52.5	51.6	53.3	55.0
60°	29.9	33.4	36.8	39.9	43.3	45.6	47.6	47.0	46.2	47.9	49.6
62.5°	26.5	29.7	32.8	35.6	38.8	40.5	42.2	41.6	41.1	42.8	44.8
65°	24.0	26.5	28.8	31.4	33.6	35.4	37.1	36.2	35.4	37.4	39.1
67.5°	21.4	23.4	25.7	27.7	29.7	31.1	32.5	31.9	31.1	32.5	33.9
70°	18.2	20.2	22.2	24.0	25.9	27.4	28.8	27.9	26.8	28.2	29.7
72.5°	15.4	17.1	18.8	20.2	22.0	23.1	24.2	23.4	22.5	23.7	24.8
75°	13.4	14.8	16.3	17.4	18.8	19.4	20.0	19.7	19.1	20.2	21.1
77.5°	10.8	12.0	13.4	14.5	15.7	15.7	15.7	16.0	16.0	17.1	18.5
80°	5.7	6.8	8.0	8.8	10.0	10.0	9.7	10.3	10.5	12.0	13.4
82.5°	0.0	0.9	1.7	2.6	3.4	3.1	2.6	2.9	2.9	3.4	4.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8
2.5°	643.0	639.5	637.3	635.3	633.0	630.7	633.6	636.4	639.0	641.8	650.4
5°	639.3	639.3	637.3	635.3	633.3	631.3	635.6	639.5	643.8	647.8	647.5
7.5°	509.0	507.8	519.8	531.5	543.5	555.1	558.3	561.4	564.3	567.4	566.6
10°	442.2	457.9	463.1	468.2	473.3	478.4	484.7	491.0	497.3	503.5	505.8
12.5°	387.2	396.9	413.4	429.7	446.2	462.5	470.7	479.3	487.6	495.8	512.1
15°	319.1	328.8	343.0	357.3	371.5	385.8	398.9	412.3	425.4	438.5	458.2
17.5°	224.4	232.7	243.5	254.3	264.9	275.7	296.0	316.2	336.5	356.7	377.5
20°	154.0	155.7	160.8	166.2	171.4	176.5	194.7	213.3	231.5	249.8	277.1
22.5°	125.5	126.3	128.9	131.4	133.7	136.3	145.7	155.4	164.8	174.2	196.5
25°	111.2	111.2	112.9	114.6	116.3	118.0	123.2	128.3	133.2	138.3	152.5
27.5°	98.7	97.2	99.8	102.4	104.9	107.5	111.2	115.2	118.9	122.6	132.3
30°	94.4	93.0	96.1	99.2	102.4	105.5	109.2	112.9	116.3	120.0	126.6
32.5°	100.1	100.4	101.5	102.6	103.5	104.6	106.4	108.3	110.1	111.8	117.5
35°	79.6	79.6	81.5	83.5	85.3	87.2	90.4	93.5	96.7	99.8	105.8
37.5°	77.3	77.8	79.6	81.5	83.3	85.0	89.0	93.2	97.2	101.2	106.1
40°	75.0	75.6	77.8	80.1	82.4	84.7	88.7	92.4	96.4	100.1	104.6
42.5°	74.1	74.7	77.6	80.7	83.5	86.4	89.8	93.2	96.4	99.8	106.1
45°	73.0	74.1	77.6	81.3	84.7	88.1	91.2	94.4	97.5	100.7	108.3
47.5°	71.3	72.7	76.7	80.4	84.4	88.1	94.1	100.4	106.4	112.3	116.0
50°	70.1	71.6	75.8	80.1	84.4	88.7	98.4	108.1	117.5	127.2	125.2
52.5°	67.3	69.0	74.4	79.8	85.3	90.7	99.2	107.8	116.3	124.9	120.9
55°	61.9	63.3	69.6	75.8	81.8	88.1	94.4	100.7	106.6	112.9	108.3
57.5°	56.5	58.2	64.2	70.1	75.8	81.8	85.0	88.1	91.2	94.4	92.7
60°	51.3	53.0	61.0	69.0	77.0	85.0	82.1	79.3	76.1	73.3	75.3
62.5°	46.5	48.2	55.9	63.3	71.0	78.4	74.4	70.4	66.4	62.4	65.6
65°	41.1	42.8	45.6	48.8	51.6	54.5	54.2	53.6	53.3	52.7	56.2
67.5°	35.4	36.8	38.2	39.9	41.3	42.8	43.6	44.8	45.6	46.5	49.3
70°	30.8	32.2	33.9	35.4	37.1	38.5	39.1	39.6	39.9	40.5	43.1
72.5°	25.7	26.8	29.1	31.4	33.4	35.6	35.9	35.9	36.2	36.2	38.2
75°	22.2	23.1	24.8	26.5	27.9	29.7	30.5	31.4	31.9	32.8	33.9
77.5°	19.7	20.8	21.4	21.7	22.2	22.5	23.1	23.7	24.2	24.8	25.1
80°	14.5	16.0	16.5	16.8	17.4	17.7	17.7	17.4	17.4	17.1	17.4
82.5°	4.6	5.1	6.0	6.8	7.7	8.6	8.8	9.1	9.1	9.4	9.1
85°	0.9	1.1	1.7	2.3	2.6	3.1	2.9	2.3	2.0	1.4	1.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8
2.5°	658.9	667.2	675.8	672.3	668.9	665.5	662.1	662.6	663.5	664.1	664.6
5°	647.2	646.7	646.4	656.1	666.1	675.8	685.5	696.0	706.8	717.4	727.9
7.5°	565.7	564.6	563.7	576.2	588.8	601.3	613.9	628.4	643.3	657.8	672.3
10°	508.1	510.4	512.7	517.8	523.2	528.3	533.5	547.4	561.4	575.1	589.1
12.5°	528.3	544.3	560.6	563.7	566.6	569.7	572.5	574.5	576.5	578.5	580.5
15°	478.2	497.8	517.5	525.8	533.8	542.0	550.0	571.1	591.9	613.0	633.8
17.5°	398.3	418.9	439.7	464.5	489.3	514.1	538.9	561.7	584.5	607.3	630.1
20°	304.8	332.2	359.5	390.9	422.6	453.9	485.3	508.1	530.6	553.4	576.0
22.5°	219.0	241.2	263.5	301.4	339.0	376.9	414.6	454.2	494.1	533.8	573.4
25°	166.8	180.8	195.0	232.4	269.7	306.8	344.2	398.6	453.1	507.5	562.0
27.5°	141.7	151.4	160.8	194.5	228.1	261.5	295.1	359.8	424.6	489.3	554.0
30°	133.4	140.0	146.6	175.1	203.9	232.4	260.9	326.5	392.1	457.6	523.2
32.5°	123.2	128.6	134.3	159.4	184.5	209.3	234.4	298.5	362.7	426.6	490.7
35°	111.5	117.5	123.2	148.3	173.4	198.2	223.3	289.7	356.1	422.6	489.0
37.5°	110.6	115.5	120.0	149.1	178.5	207.6	236.7	303.1	369.5	435.7	502.1
40°	109.5	114.1	118.6	148.3	177.6	207.3	236.7	306.2	375.8	445.4	514.9
42.5°	112.3	118.3	124.6	150.8	177.1	203.0	229.2	302.5	375.8	448.8	522.1
45°	116.3	124.0	131.7	155.7	179.6	203.6	227.5	307.1	386.6	465.9	545.5
47.5°	120.0	123.7	127.5	150.3	172.8	195.6	218.1	299.4	380.6	461.9	543.2
50°	123.5	121.5	119.5	144.6	169.7	194.5	219.5	297.1	374.4	451.9	529.2
52.5°	116.6	112.6	108.3	135.2	162.0	188.5	215.3	293.4	371.5	449.6	527.8
55°	103.8	99.2	94.7	121.2	147.4	173.9	200.2	278.0	355.8	433.7	511.5
57.5°	90.7	89.0	87.0	107.2	127.5	147.4	167.7	254.1	340.7	427.1	513.5
60°	77.3	79.0	81.0	95.5	110.1	124.3	138.9	223.5	307.9	392.6	477.0
62.5°	68.4	71.6	74.4	86.7	99.2	111.5	123.7	203.6	283.4	363.3	443.1
65°	59.9	63.3	66.7	81.3	96.1	110.6	125.2	192.7	260.3	327.9	395.5
67.5°	52.2	54.7	57.6	76.7	95.8	114.9	134.0	189.3	244.4	299.7	354.7
70°	45.6	47.9	50.5	72.7	94.9	117.2	139.4	186.5	233.8	280.9	327.9
72.5°	40.2	42.2	44.2	66.7	89.2	111.8	134.3	176.2	217.8	259.8	301.4
75°	35.1	35.9	37.1	56.2	75.0	94.1	112.9	140.9	169.1	197.0	225.0
77.5°	25.4	25.4	25.7	31.4	36.8	42.5	47.9	65.3	82.7	99.8	117.2
80°	17.4	17.7	17.7	20.0	22.0	24.2	26.2	29.9	33.4	37.1	40.5
82.5°	8.8	8.3	8.0	10.3	12.5	14.8	17.1	18.0	18.5	19.4	20.0
85°	0.9	0.3	0.0	1.4	2.9	4.3	5.7	6.8	8.0	9.1	10.3
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: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P367051

CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8
2.5°	662.4	660.1	657.8	655.5	669.5	683.7	697.7	711.7	751.3	777.3	774.4
5°	738.2	748.5	758.7	769.0	785.5	802.4	818.9	835.4	894.2	930.1	935.2
7.5°	688.3	704.0	720.0	735.6	767.6	799.2	831.2	862.8	911.0	948.3	969.4
10°	607.0	625.0	642.7	660.6	696.6	732.8	768.7	804.6	858.8	910.4	936.9
12.5°	608.8	637.0	665.2	693.4	724.8	756.2	787.2	818.6	851.7	869.1	906.4
15°	656.1	678.3	700.6	722.8	763.9	804.9	845.7	886.8	906.4	948.3	992.0
17.5°	673.5	717.1	760.4	803.8	855.1	906.1	957.5	1008.5	1045.6	1103.7	1148.8
20°	641.3	706.6	771.6	836.9	907.3	977.7	1048.1	1118.6	1159.1	1214.4	1283.9
22.5°	642.7	712.0	781.0	850.3	947.5	1044.4	1141.7	1238.6	1347.2	1453.9	1487.8
25°	652.7	743.3	833.7	924.4	1036.7	1149.1	1261.4	1373.8	1504.9	1617.0	1662.0
27.5°	656.1	758.2	860.0	962.0	1121.7	1281.4	1441.0	1600.7	1757.3	1883.9	1932.0
30°	647.8	772.7	897.3	1021.9	1217.8	1413.7	1609.6	1805.4	1954.0	2101.4	2161.3
32.5°	649.8	808.9	968.0	1127.1	1357.8	1588.7	1819.4	2050.1	2145.0	2277.9	2383.4
35°	663.5	838.0	1012.2	1186.7	1441.9	1697.1	1952.3	2207.5	2363.2	2503.4	2593.0
37.5°	695.4	888.7	1081.8	1275.1	1588.7	1902.7	2216.3	2530.0	2770.9	3011.8	3052.9
40°	719.1	923.3	1127.4	1331.6	1695.7	2059.8	2423.9	2788.0	3060.6	3322.0	3350.0
42.5°	745.9	969.4	1193.3	1416.8	1824.0	2231.1	2638.3	3045.5	3361.1	3627.7	3646.2
45°	775.3	1005.4	1235.2	1465.0	1891.6	2317.8	2744.4	3170.6	3539.3	3849.0	3779.1
47.5°	789.2	1035.3	1281.4	1527.4	1984.8	2441.9	2899.2	3356.3	3687.0	3960.2	3878.6
50°	800.1	1070.7	1341.5	1612.1	2091.7	2571.3	3050.9	3530.5	3862.1	4114.1	3986.4
52.5°	830.6	1133.1	1435.9	1738.4	2248.5	2758.3	3268.4	3778.3	4099.0	4330.6	4151.5
55°	860.2	1208.7	1557.4	1905.8	2454.4	3003.3	3551.9	4100.5	4419.8	4618.2	4375.0
57.5°	897.6	1281.9	1666.0	2050.1	2636.9	3223.7	3810.2	4397.0	4709.2	4928.5	4675.8
60°	887.9	1298.5	1709.4	2119.9	2717.6	3315.2	3912.8	4510.5	4881.4	5150.9	4979.5
62.5°	850.3	1257.4	1664.3	2071.5	2658.6	3245.3	3832.4	4419.2	4863.7	5228.7	5171.1
65°	774.1	1152.5	1531.1	1909.5	2470.1	3030.9	3591.5	4152.1	4700.7	5165.1	5185.7
67.5°	674.0	993.4	1312.5	1631.8	2154.7	2677.7	3200.3	3723.2	4370.8	4912.5	4973.5
70°	568.0	807.8	1047.9	1287.6	1747.8	2208.0	2668.0	3128.2	3801.4	4346.5	4461.7
72.5°	455.4	609.6	763.6	917.5	1249.7	1581.6	1913.8	2245.7	2837.9	3261.0	3462.0
75°	295.1	365.3	435.4	505.5	726.8	947.8	1169.0	1390.0	1783.2	2094.8	2322.1
77.5°	131.4	145.7	159.7	173.9	344.7	515.5	686.3	857.1	1027.9	1216.1	1269.4
80°	47.0	53.3	59.9	66.2	150.0	234.1	317.9	401.7	484.4	581.7	605.3
82.5°	19.7	19.7	19.4	19.1	49.0	79.0	108.9	138.9	160.5	184.5	189.0
85°	8.0	6.0	3.7	1.4	6.3	11.4	16.3	21.1	33.9	30.8	57.0
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: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P367051

CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8
2.5°	763.6	763.0	762.4	761.9	761.3	751.0	741.1	730.8	720.8	733.4	745.9
5°	927.0	941.8	956.6	971.7	986.5	990.8	995.1	999.4	1003.7	1012.8	1021.9
7.5°	987.1	1012.2	1037.0	1062.1	1086.9	1110.0	1132.8	1155.9	1179.0	1173.3	1167.6
10°	966.3	1011.6	1057.0	1102.6	1147.9	1157.9	1167.9	1178.2	1188.1	1214.1	1240.0
12.5°	943.8	998.2	1052.7	1107.2	1161.6	1191.8	1221.8	1252.0	1282.2	1308.5	1334.7
15°	1050.7	1085.5	1120.3	1155.3	1190.1	1216.6	1242.9	1269.4	1295.6	1313.9	1331.8
17.5°	1191.3	1208.4	1225.5	1242.9	1260.0	1280.8	1301.6	1322.4	1343.2	1354.1	1364.9
20°	1339.8	1347.2	1354.7	1362.1	1369.5	1352.9	1336.4	1319.9	1303.3	1313.6	1323.6
22.5°	1488.9	1491.5	1494.4	1496.9	1499.5	1461.0	1422.5	1384.0	1345.5	1329.3	1313.0
25°	1718.5	1699.7	1680.8	1662.0	1643.2	1597.6	1552.0	1506.3	1460.7	1420.5	1380.3
27.5°	1967.1	1903.2	1839.7	1775.8	1712.2	1666.6	1621.0	1575.3	1529.7	1469.3	1408.8
30°	2217.7	2114.8	2012.2	1909.2	1806.6	1752.4	1698.2	1643.8	1589.6	1529.2	1469.0
32.5°	2447.6	2323.8	2200.1	2076.0	1952.3	1861.0	1769.8	1678.6	1587.3	1545.1	1502.9
35°	2638.0	2491.7	2345.5	2198.9	2052.6	1962.3	1871.9	1781.5	1691.1	1628.4	1565.9
37.5°	2963.6	2799.1	2634.6	2470.1	2305.6	2182.1	2058.9	1935.5	1812.0	1770.1	1728.2
40°	3263.9	3056.6	2849.3	2642.0	2434.7	2331.2	2228.0	2124.5	2021.3	1952.6	1884.1
42.5°	3502.5	3284.1	3066.0	2847.6	2629.2	2526.8	2424.7	2322.4	2220.0	2174.1	2128.5
45°	3554.1	3348.3	3142.7	2936.8	2731.0	2671.4	2612.1	2552.5	2493.2	2461.5	2430.2
47.5°	3655.9	3432.7	3209.7	2986.4	2763.2	2736.4	2709.6	2682.5	2655.7	2670.8	2685.9
50°	3713.0	3485.1	3257.3	3029.5	2801.7	2809.4	2816.8	2824.5	2832.2	2939.4	3046.3
52.5°	3823.6	3593.5	3363.4	3133.3	2903.2	2951.7	2999.9	3048.3	3096.5	3244.2	3391.6
55°	4021.2	3795.1	3569.0	3342.6	3116.5	3180.3	3244.2	3308.4	3372.2	3529.1	3685.6
57.5°	4314.0	4089.6	3865.5	3641.1	3417.0	3480.6	3544.2	3607.7	3671.3	3813.0	3954.5
60°	4682.7	4452.3	4222.2	3991.8	3761.7	3785.7	3809.3	3833.3	3857.2	4009.5	4161.5
62.5°	4969.8	4758.0	4546.4	4334.5	4123.0	4096.5	4070.2	4043.7	4017.5	4133.2	4248.7
65°	5036.5	4887.4	4738.6	4589.4	4440.3	4358.8	4277.5	4196.0	4114.4	4161.2	4207.9
67.5°	4845.5	4744.8	4644.5	4543.8	4443.2	4273.0	4102.7	3932.2	3762.0	3737.2	3712.4
70°	4402.1	4347.1	4292.3	4237.3	4182.6	3920.2	3658.2	3395.9	3133.9	3070.8	3007.8
72.5°	3473.7	3508.0	3542.2	3576.7	3610.9	3330.0	3049.5	2768.6	2487.8	2407.9	2328.4
75°	2449.6	2565.6	2681.6	2797.7	2913.7	2657.7	2401.9	2145.9	1889.8	1813.1	1736.7
77.5°	1328.1	1545.7	1763.2	1980.8	2198.4	1987.1	1776.1	1564.8	1353.5	1300.2	1247.2
80°	629.6	755.0	880.2	1005.7	1131.1	1083.5	1035.9	988.0	940.4	952.0	963.7
82.5°	193.0	283.7	374.4	465.0	555.7	562.8	569.7	576.8	583.9	601.6	619.0
85°	64.7	88.7	112.6	136.6	160.5	202.7	244.9	287.4	329.6	302.2	275.2
87.5°	0.0	0.9	1.4	2.3	2.9	8.8	14.8	20.8	26.8	23.1	19.7
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: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P367051

CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8
2.5°	758.7	771.3	771.6	772.1	772.4	772.7	774.1	775.6	777.3	778.7	769.3
5°	1031.3	1040.4	1023.6	1006.8	989.7	972.9	988.0	1003.1	1018.2	1033.3	1026.8
7.5°	1161.6	1155.9	1153.9	1152.2	1150.2	1148.5	1154.2	1159.9	1165.6	1171.3	1170.7
10°	1266.0	1291.9	1298.2	1304.5	1311.0	1317.3	1304.2	1291.1	1278.0	1264.8	1259.4
12.5°	1360.9	1387.2	1408.0	1428.8	1449.9	1470.7	1451.9	1433.3	1414.5	1396.0	1378.3
15°	1350.1	1368.1	1385.2	1402.3	1419.4	1436.5	1430.2	1424.2	1418.0	1411.7	1408.8
17.5°	1376.0	1386.9	1382.9	1378.9	1374.6	1370.6	1368.6	1366.9	1364.9	1362.9	1356.1
20°	1333.8	1344.1	1341.5	1339.3	1336.7	1334.1	1332.4	1330.7	1329.0	1327.3	1321.9
22.5°	1296.8	1280.5	1276.2	1272.2	1268.0	1264.0	1264.6	1265.1	1265.4	1266.0	1290.5
25°	1340.1	1299.9	1284.2	1268.5	1252.6	1236.9	1244.0	1250.9	1258.0	1265.1	1300.5
27.5°	1348.1	1287.6	1262.6	1237.5	1212.4	1187.3	1212.9	1238.6	1264.3	1289.9	1347.2
30°	1408.5	1348.4	1313.3	1278.5	1243.5	1208.7	1241.5	1274.2	1307.0	1339.8	1402.0
32.5°	1460.4	1418.2	1393.1	1368.1	1343.0	1317.9	1319.3	1320.4	1321.9	1323.3	1410.8
35°	1503.2	1440.8	1418.0	1395.4	1372.6	1350.1	1384.0	1418.0	1451.9	1485.8	1564.5
37.5°	1686.3	1644.3	1602.4	1560.8	1518.9	1477.3	1504.3	1531.4	1558.8	1585.9	1672.9
40°	1815.4	1747.0	1736.2	1725.6	1714.8	1704.2	1718.2	1731.9	1745.8	1759.8	1836.0
42.5°	2082.6	2036.7	2007.3	1978.2	1948.9	1919.8	1930.9	1942.0	1953.4	1964.5	2036.7
45°	2398.5	2366.9	2347.5	2328.1	2308.4	2289.0	2272.2	2255.7	2238.8	2222.3	2295.6
47.5°	2701.0	2716.1	2758.9	2801.4	2844.2	2886.7	2851.9	2817.1	2782.0	2747.2	2747.5
50°	3153.5	3260.5	3282.1	3303.5	3325.2	3346.6	3272.4	3198.3	3123.9	3049.7	3040.9
52.5°	3539.3	3686.7	3694.4	3702.1	3710.1	3717.8	3687.9	3657.9	3627.7	3597.8	3518.2
55°	3842.4	3998.9	4009.5	4019.8	4030.3	4040.6	4014.3	3988.4	3962.2	3935.9	3855.5
57.5°	4096.2	4237.6	4243.9	4249.9	4256.1	4262.4	4264.4	4266.4	4268.7	4270.7	4162.0
60°	4313.7	4466.0	4453.4	4441.2	4428.6	4416.4	4397.6	4378.7	4359.9	4341.1	4271.0
62.5°	4364.5	4480.2	4460.9	4441.8	4422.4	4403.3	4387.3	4371.6	4355.6	4339.7	4294.9
65°	4254.7	4301.5	4281.5	4261.6	4241.3	4221.3	4211.1	4201.1	4190.8	4180.6	4174.9
67.5°	3687.3	3662.5	3686.2	3709.8	3733.5	3757.2	3789.4	3821.6	3854.1	3886.3	3867.5
70°	2944.5	2881.5	2907.8	2933.7	2959.9	2985.9	3034.6	3083.4	3132.4	3181.2	3168.1
72.5°	2248.5	2168.7	2172.4	2176.1	2180.1	2183.8	2182.4	2181.2	2179.8	2178.4	2201.2
75°	1660.0	1583.3	1547.1	1510.9	1474.7	1438.5	1429.6	1420.8	1412.0	1403.1	1445.6
77.5°	1193.8	1140.8	1116.0	1091.5	1066.7	1042.1	1054.7	1067.2	1080.1	1092.6	1107.4
80°	975.7	987.4	968.3	949.5	930.4	911.3	925.5	939.5	953.8	968.0	923.8
82.5°	636.7	654.1	595.4	536.6	477.9	419.1	454.8	490.4	526.3	562.0	543.7
85°	247.8	220.7	188.2	156.0	123.5	91.0	118.3	145.7	173.1	200.4	218.7
87.5°	16.0	12.5	10.0	7.4	4.6	2.0	4.3	6.6	9.1	11.4	19.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367051
 CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P367051

CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8	602.8
2.5°	760.2	750.7	741.6	723.7	705.7	687.7	669.8	694.9	720.0	745.0	770.1
5°	1020.5	1013.9	1007.6	1009.4	1011.1	1013.1	1014.8	1018.5	1022.2	1025.6	1029.3
7.5°	1170.5	1169.9	1169.3	1156.2	1143.1	1129.7	1116.6	1123.1	1129.7	1136.2	1142.8
10°	1254.3	1248.9	1243.5	1214.7	1185.9	1156.8	1128.0	1115.4	1102.6	1090.1	1077.5
12.5°	1360.6	1342.7	1325.0	1294.2	1263.7	1232.9	1202.1	1190.7	1179.0	1167.6	1155.9
15°	1406.3	1403.4	1400.8	1378.9	1356.6	1334.7	1312.5	1273.4	1234.0	1195.0	1155.9
17.5°	1349.2	1342.1	1335.3	1370.0	1404.5	1439.3	1474.1	1433.6	1393.1	1352.7	1312.2
20°	1316.4	1311.0	1305.6	1370.3	1434.8	1499.5	1563.9	1546.0	1527.7	1509.8	1491.8
22.5°	1315.0	1339.8	1364.3	1421.1	1477.5	1534.3	1590.7	1621.8	1653.2	1684.3	1715.3
25°	1335.8	1371.5	1406.8	1500.9	1595.0	1689.4	1783.5	1819.1	1854.5	1890.1	1925.5
27.5°	1404.3	1461.6	1518.6	1600.7	1682.8	1765.2	1847.4	1925.2	2003.3	2081.2	2159.0
30°	1463.9	1526.0	1588.2	1686.0	1783.5	1881.3	1978.8	2076.3	2173.8	2271.3	2368.9
32.5°	1498.4	1586.2	1673.7	1792.6	1911.2	2030.1	2149.0	2255.9	2362.9	2469.5	2576.4
35°	1643.2	1722.2	1800.9	1932.3	2063.8	2195.5	2326.9	2459.2	2591.5	2723.6	2855.9
37.5°	1759.8	1847.1	1934.0	2077.7	2221.2	2364.9	2508.6	2691.3	2874.4	3057.2	3239.9
40°	1912.1	1988.2	2064.3	2198.9	2333.2	2467.8	2602.4	2834.2	3066.0	3297.5	3529.3
42.5°	2108.5	2180.7	2252.8	2396.8	2540.8	2684.8	2828.8	3085.4	3342.0	3598.3	3855.0
45°	2368.9	2442.4	2515.7	2630.3	2744.9	2859.6	2974.2	3247.1	3519.6	3792.5	4065.1
47.5°	2747.8	2748.1	2748.4	2831.1	2913.7	2996.7	3079.4	3354.3	3628.8	3903.7	4178.3
50°	3032.1	3022.9	3014.1	3056.9	3099.4	3142.1	3184.9	3437.8	3691.0	3943.9	4196.8
52.5°	3439.0	3359.4	3280.1	3305.5	3330.6	3356.0	3381.1	3595.2	3809.6	4023.8	4237.9
55°	3775.4	3695.0	3614.6	3605.2	3595.8	3586.4	3577.0	3774.0	3971.0	4168.0	4365.1
57.5°	4053.7	3945.1	3836.7	3815.0	3793.7	3772.0	3750.3	3958.2	4165.7	4373.6	4581.2
60°	4201.1	4131.0	4060.8	4046.8	4032.6	4018.6	4004.4	4174.9	4345.4	4515.9	4686.4
62.5°	4250.4	4205.7	4161.2	4187.4	4213.6	4240.2	4266.4	4341.4	4416.1	4491.1	4565.8
65°	4169.5	4163.8	4158.0	4211.9	4265.5	4319.4	4373.3	4354.8	4336.0	4317.4	4298.9
67.5°	3849.0	3830.1	3811.6	3929.9	4048.0	4166.3	4284.6	4194.8	4104.7	4014.9	3925.1
70°	3155.0	3141.6	3128.4	3299.0	3469.5	3640.3	3810.8	3701.8	3592.9	3484.0	3375.1
72.5°	2223.7	2246.5	2269.3	2470.4	2671.1	2872.1	3072.8	2963.1	2853.3	2743.5	2633.7
75°	1487.8	1530.3	1572.8	1779.8	1986.8	2194.1	2401.1	2272.2	2143.3	2014.4	1885.6
77.5°	1122.3	1137.1	1151.9	1282.8	1413.7	1544.8	1675.7	1569.4	1462.7	1356.4	1249.7
80°	879.6	835.1	791.0	834.0	877.1	920.1	963.2	899.6	836.0	772.7	709.1
82.5°	525.5	507.2	489.0	512.4	535.5	558.9	582.2	554.9	527.2	499.8	472.2
85°	236.7	254.9	272.9	296.5	319.9	343.6	367.2	329.0	290.8	252.6	214.4
87.5°	26.5	34.2	41.9	51.9	61.9	71.9	81.8	63.9	45.6	27.7	9.7
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



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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°	602.8	602.8
2.5°	784.7	799.2
5°	1029.0	1028.5
7.5°	1125.7	1108.3
10°	1061.5	1045.6
12.5°	1115.1	1074.4
15°	1125.1	1094.3
17.5°	1262.0	1211.5
20°	1427.1	1362.1
22.5°	1626.4	1537.1
25°	1819.4	1713.3
27.5°	2095.4	2031.5
30°	2304.4	2239.7
32.5°	2532.5	2488.6
35°	2812.2	2768.3
37.5°	3251.3	3262.5
40°	3536.2	3543.0
42.5°	3881.5	3908.0
45°	4094.7	4124.4
47.5°	4219.6	4261.0
50°	4263.5	4330.3
52.5°	4320.3	4402.4
55°	4456.6	4548.1
57.5°	4654.2	4727.2
60°	4689.8	4693.2
62.5°	4513.0	4460.3
65°	4242.7	4186.6
67.5°	3891.2	3857.0
70°	3330.0	3285.0
72.5°	2549.9	2466.1
75°	1781.8	1678.0
77.5°	1195.3	1140.8
80°	710.8	712.3
82.5°	485.3	498.1
85°	211.9	209.0
87.5°	6.8	3.7
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



REPORT NUMBER: P367051
CATALOG NUMBER: MSA-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)