

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: P366765

Luminaire Tested: **MSA-SA1B-730-U-SLR-HSS**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P366765
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA1B-730-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: 3364 lumens
Efficiency: N/A
Efficacy: 76.5 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

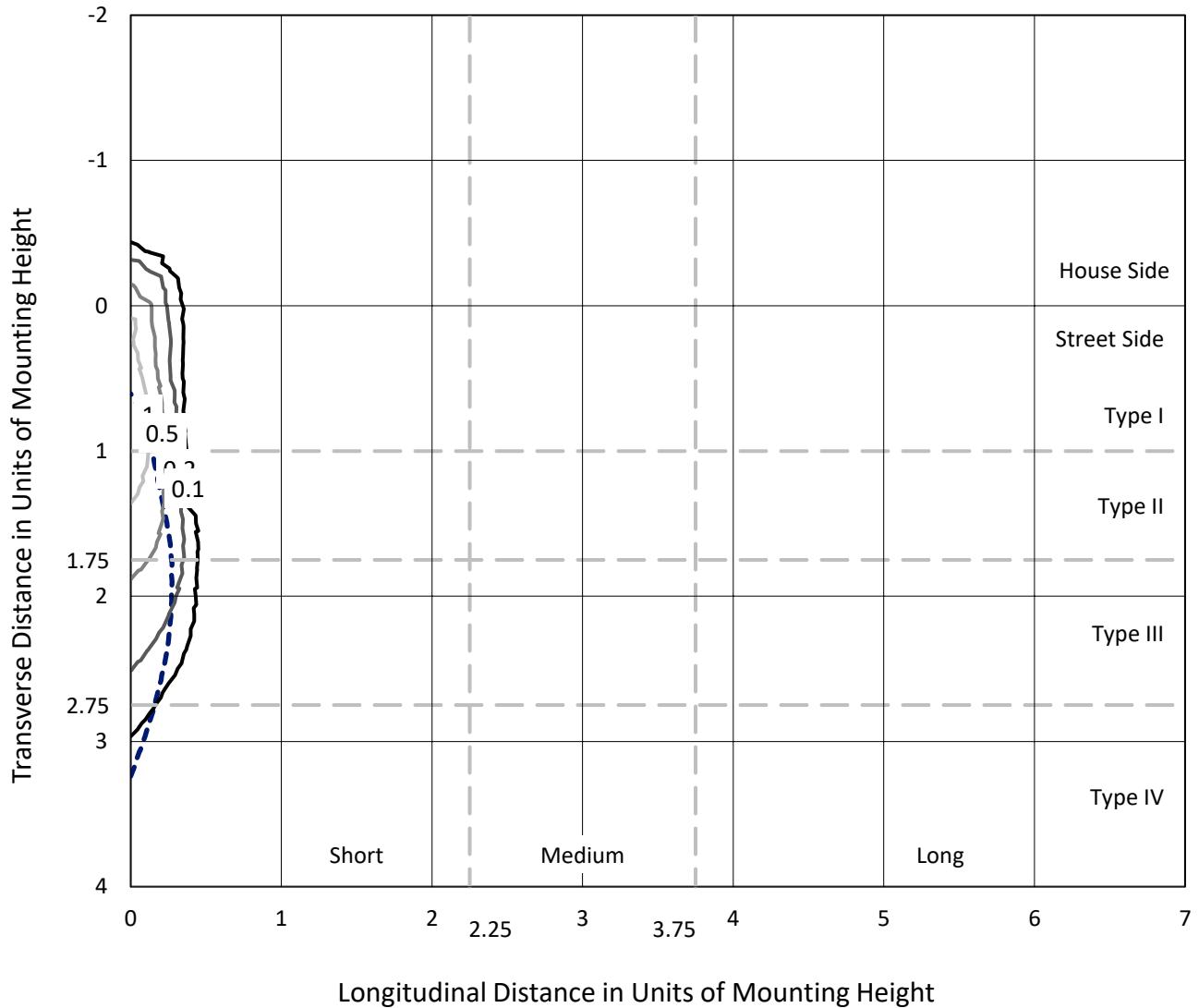
Input Watts (W): 44
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

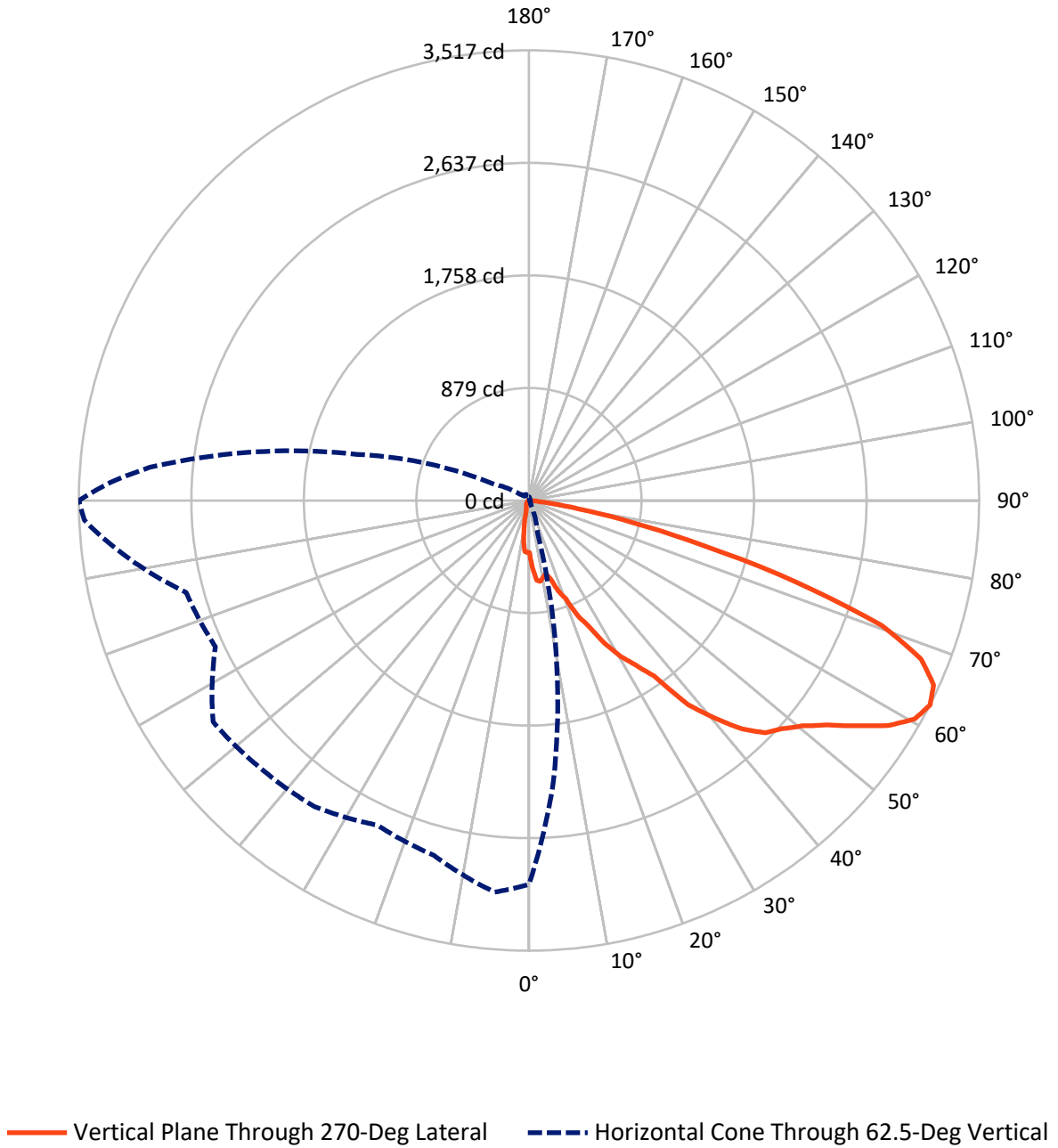
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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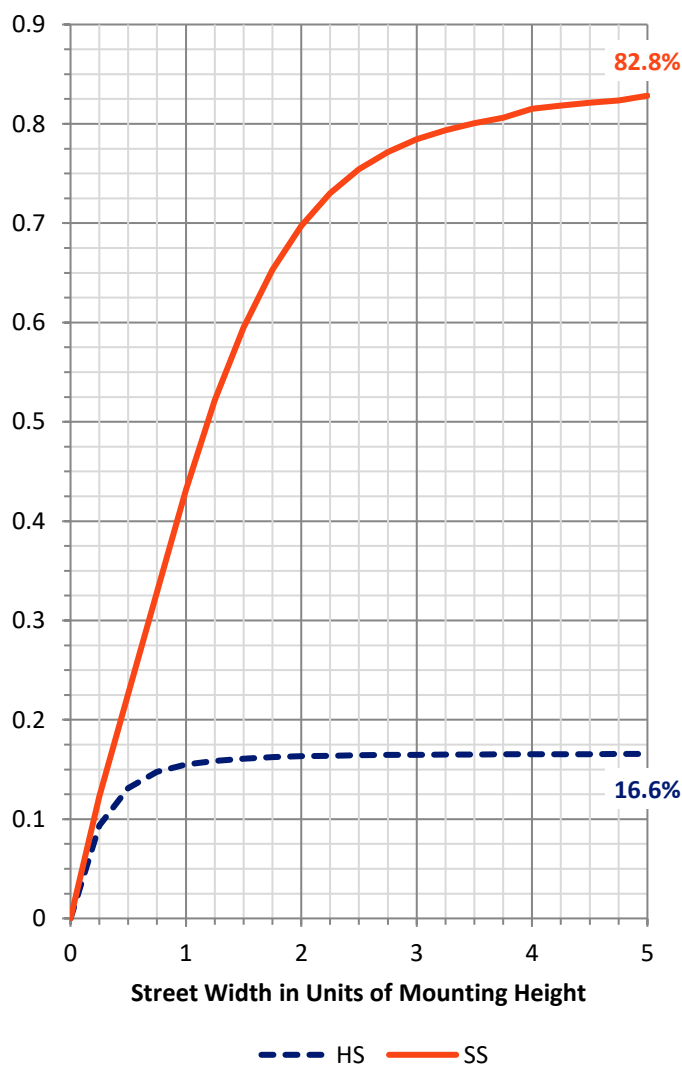
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	561.7	0.0	561.7
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	2802.3	0.0	2802.3
	% Fixture	83.3	0.0	83.3
Total	Lumens	3364.0	0.0	3364.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.3	1.3
10°-20°	118.3	3.5
20°-30°	191.2	5.7
30°-40°	320.3	9.5
40°-50°	523.6	15.6
50°-60°	775.1	23.0
60°-70°	889.8	26.5
70°-80°	440.0	13.1
80°-90°	60.4	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	3364.0	100.0
0°-180°	3364.0	100.0

Coefficient of Utilization

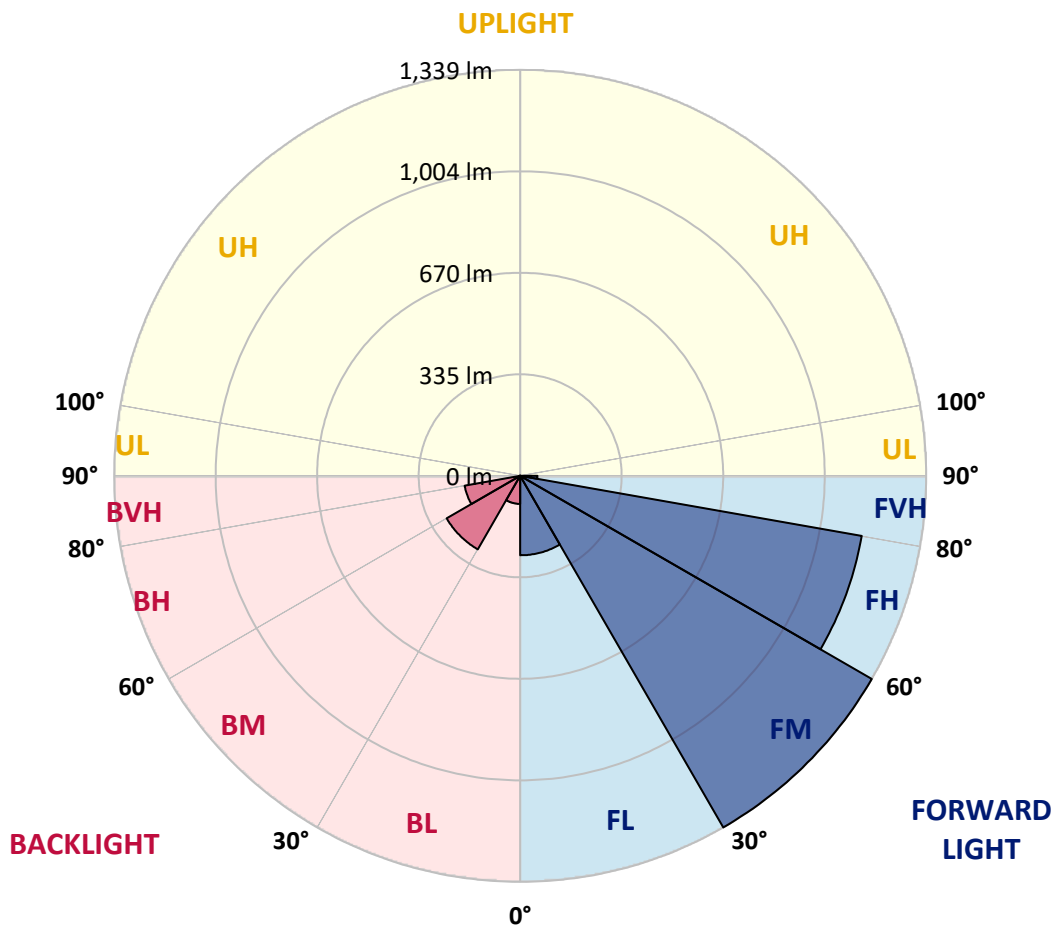


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	262.1	7.8			
FM (30°-60°)	1339.0	39.8			
FH (60°-80°)	1143.9	34.0			G1/1800
FVH (80°-90°)	57.2	1.7			G1/100
BL (0°-30°)	92.8	2.8	B0/110		
BM (30°-60°)	279.9	8.3	B1/1000		
BH (60°-80°)	185.9	5.5	B1/500		G1/500
BVH (80°-90°)	3.2	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°	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4
2.5°	537.5	544.2	550.7	538.3	525.8	513.3	500.9	489.8	478.6	467.3	456.2
5°	691.7	679.4	667.1	650.3	633.4	616.5	599.6	591.8	583.9	576.0	568.2
7.5°	745.4	723.5	701.5	686.5	671.7	656.8	641.8	618.2	594.5	570.9	547.1
10°	703.2	680.0	656.6	643.5	630.5	617.5	604.4	575.1	545.6	516.2	486.7
12.5°	722.5	697.4	672.3	645.5	618.6	591.8	564.9	542.5	519.9	497.4	474.8
15°	736.0	707.2	678.3	647.6	616.9	586.2	555.5	529.1	502.8	476.3	449.9
17.5°	814.8	773.6	732.3	685.2	638.0	590.8	543.6	513.0	482.5	451.8	421.1
20°	916.0	857.5	798.9	735.0	671.2	607.3	543.4	505.3	467.1	429.0	390.8
22.5°	1033.8	960.7	887.5	808.6	730.0	651.2	572.4	517.6	462.7	407.9	353.0
25°	1152.3	1086.3	1020.3	914.3	808.3	702.0	596.0	526.4	456.6	387.0	317.2
27.5°	1366.3	1248.3	1130.4	995.4	860.6	725.6	590.6	510.8	431.1	351.1	271.3
30°	1506.3	1415.6	1324.7	1146.3	968.2	789.9	611.5	510.5	409.4	308.2	207.1
32.5°	1673.7	1541.0	1408.1	1214.6	1021.1	827.6	634.1	515.4	396.6	277.9	159.0
35°	1861.8	1717.4	1573.0	1327.9	1082.9	837.6	592.5	477.5	362.4	247.4	132.3
37.5°	2194.1	1952.5	1710.9	1425.2	1139.2	853.5	567.6	452.7	337.7	222.8	107.8
40°	2382.8	2152.1	1921.4	1564.4	1207.3	850.3	493.2	391.2	289.4	187.3	85.3
42.5°	2628.2	2335.6	2042.8	1643.8	1244.7	845.7	446.6	352.3	257.9	163.4	69.0
45°	2773.8	2442.2	2110.7	1678.3	1245.9	813.4	381.0	299.3	217.6	136.0	54.3
47.5°	2865.6	2533.1	2200.6	1736.4	1272.3	808.1	343.8	268.7	193.5	118.3	43.1
50°	2912.2	2578.8	2245.1	1768.0	1290.9	813.6	336.5	261.8	186.8	112.0	37.0
52.5°	2960.8	2639.2	2317.4	1822.9	1328.3	833.8	339.2	262.9	186.8	110.5	34.1
55°	3058.7	2741.6	2424.2	1901.5	1378.7	856.0	333.3	258.1	182.9	107.6	32.4
57.5°	3179.2	2840.1	2500.9	1959.0	1417.1	875.2	333.3	257.7	182.2	106.4	30.9
60°	3156.3	2788.4	2420.2	1894.4	1368.6	842.6	316.8	244.9	173.2	101.2	29.3
62.5°	2999.7	2600.2	2200.6	1714.7	1228.6	742.7	256.6	199.2	141.9	84.4	27.0
65°	2815.6	2391.6	1967.4	1520.3	1072.9	625.7	178.3	140.0	101.4	63.1	24.5
67.5°	2593.9	2141.8	1689.6	1291.9	894.4	496.7	98.9	79.8	60.6	41.2	22.1
70°	2209.3	1742.5	1275.6	969.9	664.4	358.8	53.1	44.9	36.6	28.4	20.1
72.5°	1658.5	1230.9	803.3	610.2	417.3	224.2	31.1	28.0	24.7	21.7	18.4
75°	1128.5	808.1	487.6	371.2	255.0	138.6	22.2	20.7	19.0	17.5	15.7
77.5°	767.2	554.9	342.7	261.6	180.4	99.3	18.2	17.3	16.3	15.1	14.2
80°	479.0	327.9	176.8	136.1	95.3	54.7	13.8	13.2	12.7	11.9	11.3
82.5°	335.0	200.4	65.8	51.4	37.0	22.4	8.1	8.2	8.4	8.4	8.6
85°	140.6	75.9	11.3	9.6	7.9	6.1	4.4	4.8	5.4	5.8	6.1
87.5°	2.5	1.3	0.0	0.4	1.0	1.3	1.7	2.3	2.7	3.3	3.6
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°	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4
2.5°	459.1	461.9	464.6	467.5	465.2	463.1	460.8	458.5	455.0	451.8	448.3
5°	558.6	549.0	539.4	529.8	515.3	500.7	485.9	471.3	469.6	467.9	466.0
7.5°	524.7	502.2	479.6	457.2	436.1	415.0	393.9	372.8	366.3	359.9	353.4
10°	469.4	452.2	434.7	417.5	402.3	387.0	371.8	356.5	340.6	324.6	308.5
12.5°	456.8	438.7	420.5	402.5	388.7	374.9	361.1	347.3	329.4	311.6	293.8
15°	430.3	410.7	391.2	371.6	353.2	334.8	316.2	297.8	276.3	254.8	233.4
17.5°	397.9	374.9	351.7	328.5	304.3	280.2	256.0	231.8	207.1	182.6	157.8
20°	359.4	327.9	296.3	264.8	234.9	205.0	174.9	145.0	129.4	114.1	98.6
22.5°	312.4	271.5	230.9	190.0	165.5	140.8	116.2	91.5	84.8	78.0	71.3
25°	271.0	224.7	178.5	132.3	116.8	101.2	85.7	70.2	67.1	63.9	60.8
27.5°	227.8	184.5	140.9	97.4	88.6	79.6	70.8	61.7	59.6	57.7	55.6
30°	174.7	142.3	109.7	77.3	71.5	65.8	59.8	54.1	53.1	52.0	51.0
32.5°	135.4	111.6	88.0	64.2	61.0	57.7	54.5	51.2	49.7	48.1	46.4
35°	113.1	94.2	75.0	55.8	53.5	51.0	48.7	46.2	44.7	43.0	41.4
37.5°	93.8	80.0	66.0	52.0	49.5	47.0	44.3	41.8	40.7	39.5	38.4
40°	77.3	69.2	61.2	53.1	49.5	45.8	42.2	38.5	37.6	36.6	35.7
42.5°	63.9	58.7	53.3	48.1	45.4	43.0	40.3	37.6	36.2	34.7	33.4
45°	51.6	48.7	46.0	43.1	43.3	43.5	43.5	43.7	40.3	36.6	33.2
47.5°	41.8	40.5	38.9	37.6	39.1	40.7	42.0	43.5	39.9	36.2	32.4
50°	35.9	34.9	33.7	32.6	34.1	35.9	37.4	38.9	37.4	36.1	34.5
52.5°	32.8	31.4	30.1	28.8	29.3	30.1	30.7	31.3	31.3	31.3	31.3
55°	30.9	29.5	28.0	26.5	25.9	25.1	24.5	23.8	22.8	22.1	21.1
57.5°	29.3	27.8	26.1	24.5	23.6	22.4	21.5	20.3	19.4	18.2	17.3
60°	27.8	26.3	24.5	23.0	22.1	21.1	19.9	19.0	17.8	16.9	15.7
62.5°	25.7	24.4	23.0	21.7	20.7	19.9	19.0	18.0	16.9	15.7	14.4
65°	23.4	22.4	21.3	20.1	19.2	18.2	17.3	16.3	15.1	14.2	13.0
67.5°	21.3	20.3	19.6	18.6	17.5	16.5	15.3	14.2	13.4	12.7	11.7
70°	19.6	18.8	18.2	17.5	16.3	15.3	14.2	13.0	12.5	11.7	11.1
72.5°	17.8	17.3	16.5	15.9	15.0	14.0	13.0	12.1	11.5	10.9	10.4
75°	15.3	15.0	14.6	14.2	13.2	12.3	11.1	10.2	10.0	9.8	9.6
77.5°	13.8	13.6	13.2	12.8	11.9	10.9	10.0	9.0	9.2	9.4	9.4
80°	11.3	11.3	11.1	11.1	10.4	9.6	8.6	7.9	8.2	8.8	9.2
82.5°	8.6	8.6	8.6	8.6	7.9	7.1	6.3	5.6	6.1	6.5	7.1
85°	5.9	5.8	5.6	5.4	4.8	4.4	3.8	3.3	4.0	4.6	5.4
87.5°	3.6	3.8	3.8	3.8	3.5	2.9	2.5	1.9	2.3	2.5	2.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: MSA-SA1B-730-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: P366765
 CATALOG NUMBER: MSA-SA1B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4
2.5°	444.9	439.1	433.4	427.4	421.7	408.3	394.8	381.4	368.0	378.0	387.7
5°	464.2	453.1	441.8	430.7	419.4	414.4	409.6	404.6	399.6	400.4	401.4
7.5°	346.9	339.6	332.3	324.8	317.6	316.0	314.7	313.1	311.6	314.9	317.9
10°	292.6	282.5	272.1	261.9	251.6	246.0	240.5	234.9	229.3	228.8	228.0
12.5°	275.9	260.4	245.1	229.5	214.0	201.9	189.8	177.8	165.7	166.6	167.6
15°	211.9	196.4	181.0	165.5	150.0	140.2	130.2	120.4	110.5	107.6	104.7
17.5°	133.1	121.6	110.1	98.4	86.9	83.6	80.5	77.3	74.0	73.1	72.1
20°	83.0	78.0	73.1	67.9	62.9	62.1	61.4	60.6	59.8	60.4	61.0
22.5°	64.6	62.5	60.2	58.1	55.8	55.0	54.3	53.5	52.7	53.3	53.7
25°	57.5	56.0	54.5	52.9	51.4	50.6	49.7	48.9	47.9	48.3	48.9
27.5°	53.5	52.2	50.8	49.5	48.1	46.8	45.6	44.3	43.0	43.7	44.3
30°	49.9	48.3	47.0	45.4	43.9	42.6	41.2	39.7	38.4	39.1	39.9
32.5°	44.9	43.5	42.0	40.7	39.1	38.4	37.6	36.6	35.9	36.4	36.8
35°	39.7	38.5	37.6	36.4	35.3	34.5	33.9	33.2	32.4	32.6	33.0
37.5°	37.2	35.9	34.5	33.2	31.8	31.4	31.1	30.5	30.1	30.1	30.1
40°	34.7	33.4	32.0	30.5	29.1	28.6	28.0	27.4	26.8	26.8	26.8
42.5°	31.8	30.5	29.1	27.8	26.5	25.9	25.1	24.5	23.8	23.8	23.8
45°	29.5	28.2	27.0	25.7	24.4	23.4	22.4	21.3	20.3	20.1	19.9
47.5°	28.8	26.8	24.9	23.0	21.1	20.1	19.2	18.0	17.1	16.9	16.7
50°	33.0	29.1	25.3	21.5	17.6	16.9	16.1	15.3	14.6	14.2	14.0
52.5°	31.3	27.2	23.2	19.2	15.1	14.6	14.0	13.4	12.8	12.5	12.1
55°	20.1	18.4	16.9	15.1	13.4	13.0	12.7	12.1	11.7	11.3	10.9
57.5°	16.1	15.1	14.4	13.4	12.5	12.1	11.7	11.1	10.7	10.2	9.8
60°	14.6	13.8	13.0	12.3	11.5	11.1	10.7	10.4	10.0	9.4	9.0
62.5°	13.2	12.7	12.1	11.5	10.9	10.5	10.2	9.8	9.4	8.8	8.2
65°	11.9	11.5	11.1	10.7	10.4	10.0	9.6	9.0	8.6	8.1	7.5
67.5°	10.9	10.7	10.5	10.4	10.2	9.8	9.2	8.8	8.2	7.7	6.9
70°	10.4	10.4	10.4	10.2	10.2	9.8	9.2	8.8	8.2	7.5	6.9
72.5°	9.8	10.0	10.2	10.2	10.4	9.8	9.2	8.6	8.1	7.3	6.7
75°	9.4	9.6	9.8	9.8	10.0	9.6	9.2	8.6	8.2	7.5	6.7
77.5°	9.6	9.8	9.8	10.0	10.0	9.6	9.2	8.6	8.2	7.3	6.3
80°	9.6	9.4	9.2	8.8	8.6	7.9	7.1	6.1	5.4	4.2	3.3
82.5°	7.5	7.1	6.9	6.5	6.1	5.4	4.6	3.8	3.1	2.3	1.5
85°	5.9	5.6	5.4	5.0	4.6	4.0	3.3	2.7	1.9	1.5	1.0
87.5°	3.1	2.9	2.5	2.3	1.9	1.5	1.0	0.6	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366765
 CATALOG NUMBER: MSA-SA1B-730-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: P366765
 CATALOG NUMBER: MSA-SA1B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4
2.5°	397.7	407.5	406.1	404.8	411.1	417.5	412.9	408.4	403.8	399.2	389.7
5°	402.1	402.9	401.5	400.0	400.2	400.4	397.3	394.3	391.2	388.1	387.5
7.5°	321.2	324.3	328.5	332.5	332.7	332.7	330.4	328.1	325.6	323.3	324.5
10°	227.4	226.7	227.8	229.0	228.8	228.4	234.5	240.7	246.6	252.7	248.3
12.5°	168.4	169.3	164.5	159.7	161.5	163.0	164.0	164.9	165.9	166.8	169.5
15°	101.8	98.9	95.5	92.0	93.8	95.3	97.0	98.6	100.3	101.8	103.5
17.5°	71.0	70.0	68.5	66.7	66.9	67.1	67.3	67.5	67.5	67.7	68.1
20°	61.6	62.1	61.0	59.6	59.3	58.7	58.3	57.9	57.3	57.0	56.4
22.5°	54.3	54.7	54.8	54.8	54.1	53.1	52.4	51.8	51.0	50.2	49.9
25°	49.3	49.7	49.3	48.7	48.3	47.9	47.6	47.0	46.6	46.0	45.8
27.5°	45.1	45.6	45.6	45.4	45.1	44.5	43.5	42.8	41.8	40.8	41.0
30°	40.7	41.4	41.4	41.2	41.0	40.8	39.9	38.9	38.0	37.0	37.4
32.5°	37.4	37.8	37.6	37.4	37.4	37.2	36.4	35.9	35.1	34.3	34.3
35°	33.2	33.4	33.4	33.4	33.4	33.2	32.6	32.0	31.4	30.9	31.1
37.5°	30.1	30.1	30.7	31.1	30.7	30.3	29.9	29.3	29.0	28.4	28.4
40°	26.7	26.7	27.2	27.6	27.2	26.8	26.7	26.3	26.1	25.7	25.7
42.5°	23.6	23.6	24.2	24.5	24.5	24.4	24.0	23.6	23.2	22.8	23.0
45°	19.8	19.6	20.5	21.3	20.9	20.5	20.5	20.3	20.3	20.1	20.3
47.5°	16.3	16.1	16.9	17.6	17.5	17.1	17.1	17.1	17.1	17.1	17.3
50°	13.6	13.2	14.0	14.6	14.4	14.0	14.0	14.2	14.2	14.2	14.4
52.5°	11.7	11.3	11.9	12.3	12.1	11.9	11.9	12.1	12.1	12.1	12.3
55°	10.4	10.0	10.5	10.9	10.7	10.4	10.5	10.5	10.7	10.7	10.7
57.5°	9.2	8.6	9.0	9.4	9.4	9.2	9.4	9.4	9.6	9.6	9.6
60°	8.4	7.9	8.2	8.4	8.4	8.2	8.4	8.4	8.6	8.6	8.6
62.5°	7.5	6.9	7.3	7.5	7.5	7.3	7.5	7.5	7.7	7.7	7.7
65°	6.7	6.1	6.3	6.5	6.5	6.5	6.7	6.7	6.9	6.9	6.9
67.5°	6.3	5.6	5.8	5.9	5.9	5.9	6.1	6.1	6.3	6.3	6.5
70°	6.1	5.4	5.6	5.6	5.8	5.8	5.8	5.9	5.9	5.9	5.9
72.5°	5.9	5.2	5.2	5.2	5.4	5.4	5.4	5.6	5.6	5.6	5.6
75°	5.9	5.2	5.0	4.8	5.0	5.0	5.0	5.2	5.2	5.2	5.2
77.5°	5.2	4.2	3.8	3.3	3.8	4.2	4.4	4.4	4.6	4.6	4.6
80°	2.1	1.0	0.6	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3
82.5°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366765
 CATALOG NUMBER: MSA-SA1B-730-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: P366765
 CATALOG NUMBER: MSA-SA1B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4
2.5°	380.1	370.5	360.9	365.5	370.1	374.7	379.3	378.9	378.3	378.0	377.4
5°	387.2	386.6	386.0	383.3	380.8	378.1	375.5	374.9	374.1	373.5	372.8
7.5°	325.6	326.6	327.7	324.6	321.6	318.5	315.4	307.6	299.7	291.7	283.8
10°	243.9	239.3	234.9	234.5	234.1	233.8	233.4	232.6	231.8	230.9	230.1
12.5°	172.4	175.1	177.8	176.8	175.8	174.7	173.7	175.1	176.6	178.0	179.3
15°	105.1	106.8	108.3	111.8	115.2	118.7	122.2	123.5	125.0	126.4	127.7
17.5°	68.5	68.6	69.0	72.9	76.5	80.3	84.0	86.5	89.0	91.3	93.8
20°	55.8	55.2	54.7	56.8	58.9	61.0	63.1	65.4	67.7	70.0	72.3
22.5°	49.7	49.3	48.9	49.7	50.4	51.0	51.8	53.5	55.4	57.1	58.9
25°	45.6	45.3	45.1	45.4	45.8	46.2	46.6	47.6	48.5	49.5	50.4
27.5°	41.0	41.2	41.2	41.6	41.8	42.2	42.4	42.8	43.3	43.7	44.1
30°	37.6	38.0	38.2	38.5	38.7	39.1	39.3	39.1	38.9	38.7	38.5
32.5°	34.3	34.1	34.1	34.5	34.7	35.1	35.3	35.7	36.1	36.2	36.6
35°	31.1	31.3	31.3	31.3	31.4	31.4	31.4	31.8	32.4	32.8	33.2
37.5°	28.2	28.2	28.0	28.6	29.0	29.5	29.9	30.3	30.9	31.3	31.6
40°	25.7	25.7	25.7	26.1	26.5	26.7	27.0	28.0	29.0	29.9	30.9
42.5°	23.0	23.2	23.2	23.6	24.0	24.2	24.5	25.3	25.9	26.7	27.2
45°	20.5	20.7	20.9	21.3	21.5	21.9	22.1	22.4	22.6	23.0	23.2
47.5°	17.6	17.8	18.0	18.4	18.6	19.0	19.2	19.0	19.0	18.8	18.6
50°	14.8	15.0	15.1	15.7	16.1	16.7	17.1	16.7	16.3	15.7	15.3
52.5°	12.5	12.5	12.7	13.0	13.4	13.6	14.0	13.8	13.6	13.4	13.2
55°	10.7	10.7	10.7	10.9	11.1	11.3	11.5	11.7	11.7	11.9	11.9
57.5°	9.6	9.4	9.4	9.6	9.8	9.8	10.0	10.2	10.2	10.4	10.4
60°	8.6	8.4	8.4	8.6	8.8	9.0	9.2	9.2	9.2	9.0	9.0
62.5°	7.7	7.7	7.7	7.9	7.9	8.1	8.1	8.1	8.2	8.2	8.2
65°	7.1	7.1	7.1	7.1	7.1	6.9	6.9	7.1	7.1	7.3	7.3
67.5°	6.5	6.7	6.7	6.5	6.3	6.1	5.9	6.1	6.1	6.3	6.3
70°	5.9	5.9	5.9	5.8	5.6	5.4	5.2	5.2	5.2	5.0	5.0
72.5°	5.6	5.4	5.4	5.2	4.8	4.6	4.2	4.0	4.0	3.8	3.6
75°	5.2	5.0	5.0	4.6	4.2	3.8	3.5	3.3	2.9	2.7	2.3
77.5°	4.6	4.6	4.6	4.0	3.6	3.1	2.5	2.1	1.7	1.2	0.8
80°	1.5	1.7	1.9	1.7	1.7	1.5	1.3	1.0	0.8	0.4	0.0
82.5°	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366765
 CATALOG NUMBER: MSA-SA1B-730-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: P366765
 CATALOG NUMBER: MSA-SA1B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4
2.5°	379.5	381.6	383.7	385.8	386.0	386.2	386.4	386.6	381.8	376.8	372.0
5°	376.6	380.6	384.5	388.3	386.2	384.1	382.0	379.9	379.7	379.7	379.5
7.5°	284.4	284.8	285.3	285.7	286.5	287.3	287.8	288.6	291.7	294.7	297.6
10°	227.6	225.1	222.4	219.9	218.0	215.9	214.0	211.9	213.4	215.2	216.7
12.5°	177.2	175.1	172.8	170.7	169.9	169.1	168.2	167.4	172.4	177.4	182.2
15°	127.3	126.9	126.4	126.0	128.5	131.0	133.5	136.0	140.2	144.2	148.4
17.5°	94.7	95.7	96.6	97.6	99.1	100.7	102.0	103.5	106.6	109.9	112.9
20°	73.4	74.8	75.9	77.1	76.7	76.3	75.7	75.4	77.9	80.3	82.6
22.5°	60.0	61.0	62.1	63.1	63.3	63.5	63.7	63.9	65.4	66.7	68.3
25°	51.4	52.5	53.5	54.5	54.7	54.8	55.0	55.2	57.1	59.1	60.8
27.5°	45.4	46.6	47.9	49.1	49.5	49.9	50.2	50.6	51.8	52.7	53.9
30°	40.1	41.6	43.1	44.7	45.3	45.8	46.4	47.0	48.1	49.5	50.6
32.5°	37.4	38.4	39.1	39.9	41.2	42.4	43.7	44.9	46.2	47.7	49.1
35°	34.3	35.3	36.4	37.4	38.4	39.3	40.1	41.0	41.8	42.6	43.1
37.5°	32.4	33.4	34.1	34.9	35.3	35.7	35.9	36.2	36.6	37.0	37.2
40°	30.9	30.7	30.7	30.5	30.9	31.4	31.8	32.2	33.4	34.3	35.5
42.5°	26.8	26.3	25.9	25.3	26.3	27.0	28.0	28.8	30.3	31.8	33.4
45°	22.8	22.4	21.9	21.5	22.8	24.2	25.5	26.8	28.6	30.1	31.8
47.5°	18.8	19.0	19.0	19.2	20.5	21.9	23.0	24.4	26.1	27.8	29.5
50°	15.7	16.1	16.5	16.9	18.2	19.4	20.7	21.9	23.8	25.5	27.4
52.5°	13.8	14.4	14.8	15.3	16.5	17.8	19.0	20.1	21.9	23.6	25.3
55°	12.5	13.2	13.8	14.4	15.3	16.3	17.3	18.2	19.9	21.7	23.2
57.5°	10.9	11.5	12.1	12.7	13.6	14.6	15.3	16.3	17.8	19.6	21.1
60°	9.6	10.0	10.5	10.9	11.7	12.7	13.4	14.2	15.7	17.3	18.6
62.5°	8.4	8.8	9.0	9.2	10.0	10.7	11.5	12.3	13.6	15.1	16.5
65°	7.5	7.7	7.7	7.9	8.4	9.2	9.8	10.4	11.9	13.2	14.8
67.5°	6.3	6.5	6.5	6.5	7.1	7.7	8.2	8.8	10.2	11.7	13.0
70°	5.0	5.2	5.2	5.2	5.8	6.5	7.1	7.7	8.8	10.0	11.1
72.5°	3.8	3.8	4.0	4.0	4.6	5.4	5.9	6.5	7.5	8.4	9.4
75°	2.5	2.7	2.7	2.9	3.5	4.2	4.8	5.4	6.3	7.3	8.1
77.5°	1.0	1.3	1.5	1.7	2.3	2.9	3.5	4.0	4.8	5.8	6.5
80°	0.0	0.2	0.2	0.2	0.6	0.8	1.2	1.3	1.9	2.7	3.3
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: P366765
 CATALOG NUMBER: MSA-SA1B-730-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: P366765
 CATALOG NUMBER: MSA-SA1B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4
2.5°	367.0	377.6	388.1	398.7	409.2	422.3	435.3	437.2	439.1	436.8	434.7
5°	379.3	384.5	389.5	394.6	399.6	414.6	429.3	429.5	429.5	429.7	429.7
7.5°	300.7	305.1	309.5	313.7	318.1	327.9	337.7	341.3	344.8	344.0	343.2
10°	218.2	224.0	229.5	235.3	240.8	249.9	258.9	262.3	265.6	276.1	286.9
12.5°	187.2	192.7	198.3	203.6	209.2	218.4	227.6	234.3	240.8	247.4	253.9
15°	152.4	156.9	161.5	165.9	170.3	174.5	178.7	187.0	195.0	201.5	208.1
17.5°	116.0	117.9	119.7	121.6	123.3	125.2	127.1	130.6	133.8	139.6	145.2
20°	85.1	86.7	88.2	89.6	91.1	93.0	94.9	97.4	99.7	101.1	102.2
22.5°	69.6	71.9	74.2	76.3	78.6	80.0	81.3	82.1	82.8	83.4	84.0
25°	62.7	64.8	66.7	68.8	70.8	71.3	71.9	73.4	75.0	75.0	75.0
27.5°	54.8	57.7	60.8	63.7	66.5	67.3	67.9	68.5	68.8	68.1	67.1
30°	51.8	54.7	57.5	60.2	63.1	64.2	65.2	65.8	66.3	65.4	64.4
32.5°	50.4	53.1	55.6	58.3	60.8	62.3	63.7	65.2	66.5	66.7	67.1
35°	43.9	45.6	47.6	49.3	51.0	51.8	52.5	53.1	53.5	53.5	53.5
37.5°	37.6	39.9	42.4	44.7	47.0	48.7	50.4	50.6	50.6	51.0	51.6
40°	36.4	38.7	41.0	43.1	45.4	47.4	49.1	49.3	49.5	49.9	50.2
42.5°	34.9	37.4	39.9	42.4	44.9	46.8	48.5	48.5	48.3	48.9	49.3
45°	33.4	35.9	38.2	40.7	43.0	45.4	47.7	47.2	46.4	47.4	48.1
47.5°	31.3	33.9	36.6	39.1	41.8	44.1	46.2	45.8	45.3	46.2	47.2
50°	29.1	31.8	34.5	37.2	39.9	42.4	44.7	44.3	43.9	45.1	46.0
52.5°	27.0	29.7	32.6	35.3	38.0	40.1	42.0	41.8	41.6	42.8	44.1
55°	24.9	27.4	30.1	32.6	35.1	37.4	39.5	39.1	38.7	39.7	40.7
57.5°	22.6	25.1	27.4	29.9	32.2	34.1	35.9	35.3	34.7	35.9	37.0
60°	20.1	22.4	24.7	26.8	29.1	30.7	32.0	31.6	31.1	32.2	33.4
62.5°	17.8	19.9	22.1	24.0	26.1	27.2	28.4	28.0	27.6	28.8	30.1
65°	16.1	17.8	19.4	21.1	22.6	23.8	24.9	24.4	23.8	25.1	26.3
67.5°	14.4	15.7	17.3	18.6	19.9	20.9	21.9	21.5	20.9	21.9	22.8
70°	12.3	13.6	15.0	16.1	17.5	18.4	19.4	18.8	18.0	19.0	19.9
72.5°	10.4	11.5	12.7	13.6	14.8	15.5	16.3	15.7	15.1	15.9	16.7
75°	9.0	10.0	10.9	11.7	12.7	13.0	13.4	13.2	12.8	13.6	14.2
77.5°	7.3	8.1	9.0	9.8	10.5	10.5	10.5	10.7	10.7	11.5	12.5
80°	3.8	4.6	5.4	5.9	6.7	6.7	6.5	6.9	7.1	8.1	9.0
82.5°	0.0	0.6	1.2	1.7	2.3	2.1	1.7	1.9	1.9	2.3	2.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366765
 CATALOG NUMBER: MSA-SA1B-730-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: P366765
 CATALOG NUMBER: MSA-SA1B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4
2.5°	432.4	430.1	428.6	427.2	425.7	424.2	426.1	428.0	429.7	431.6	437.4
5°	429.9	429.9	428.6	427.2	425.9	424.6	427.4	430.1	433.0	435.7	435.5
7.5°	342.3	341.5	349.6	357.4	365.5	373.4	375.5	377.6	379.5	381.6	381.0
10°	297.4	308.0	311.4	314.9	318.3	321.8	326.0	330.2	334.4	338.6	340.2
12.5°	260.4	266.9	278.1	289.0	300.1	311.0	316.6	322.3	327.9	333.5	344.4
15°	214.6	221.1	230.7	240.3	249.9	259.4	268.3	277.3	286.1	294.9	308.2
17.5°	150.9	156.5	163.8	171.0	178.1	185.4	199.0	212.7	226.3	239.9	253.9
20°	103.5	104.7	108.2	111.8	115.2	118.7	131.0	143.4	155.7	168.0	186.4
22.5°	84.4	84.9	86.7	88.4	89.9	91.7	98.0	104.5	110.8	117.2	132.1
25°	74.8	74.8	75.9	77.1	78.2	79.4	82.8	86.3	89.6	93.0	102.6
27.5°	66.3	65.4	67.1	68.8	70.6	72.3	74.8	77.5	80.0	82.5	89.0
30°	63.5	62.5	64.6	66.7	68.8	71.0	73.4	75.9	78.2	80.7	85.1
32.5°	67.3	67.5	68.3	69.0	69.6	70.4	71.5	72.9	74.0	75.2	79.0
35°	53.5	53.5	54.8	56.2	57.3	58.7	60.8	62.9	65.0	67.1	71.1
37.5°	52.0	52.4	53.5	54.8	56.0	57.1	59.8	62.7	65.4	68.1	71.3
40°	50.4	50.8	52.4	53.9	55.4	57.0	59.6	62.1	64.8	67.3	70.4
42.5°	49.9	50.2	52.2	54.3	56.2	58.1	60.4	62.7	64.8	67.1	71.3
45°	49.1	49.9	52.2	54.7	57.0	59.3	61.4	63.5	65.6	67.7	72.9
47.5°	47.9	48.9	51.6	54.1	56.8	59.3	63.3	67.5	71.5	75.6	78.0
50°	47.2	48.1	51.0	53.9	56.8	59.6	66.2	72.7	79.0	85.5	84.2
52.5°	45.3	46.4	50.0	53.7	57.3	61.0	66.7	72.5	78.2	84.0	81.3
55°	41.6	42.6	46.8	51.0	55.0	59.3	63.5	67.7	71.7	75.9	72.9
57.5°	38.0	39.1	43.1	47.2	51.0	55.0	57.1	59.3	61.4	63.5	62.3
60°	34.5	35.7	41.0	46.4	51.8	57.1	55.2	53.3	51.2	49.3	50.6
62.5°	31.3	32.4	37.6	42.6	47.7	52.7	50.0	47.4	44.7	42.0	44.1
65°	27.6	28.8	30.7	32.8	34.7	36.6	36.4	36.1	35.9	35.5	37.8
67.5°	23.8	24.7	25.7	26.8	27.8	28.8	29.3	30.1	30.7	31.3	33.2
70°	20.7	21.7	22.8	23.8	24.9	25.9	26.3	26.7	26.8	27.2	29.0
72.5°	17.3	18.0	19.6	21.1	22.4	24.0	24.2	24.2	24.4	24.4	25.7
75°	15.0	15.5	16.7	17.8	18.8	19.9	20.5	21.1	21.5	22.1	22.8
77.5°	13.2	14.0	14.4	14.6	15.0	15.1	15.5	15.9	16.3	16.7	16.9
80°	9.8	10.7	11.1	11.3	11.7	11.9	11.9	11.7	11.7	11.5	11.7
82.5°	3.1	3.5	4.0	4.6	5.2	5.8	5.9	6.1	6.1	6.3	6.1
85°	0.6	0.8	1.2	1.5	1.7	2.1	1.9	1.5	1.3	1.0	0.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366765
 CATALOG NUMBER: MSA-SA1B-730-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: P366765
 CATALOG NUMBER: MSA-SA1B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4
2.5°	443.2	448.7	454.5	452.2	449.9	447.6	445.3	445.6	446.2	446.6	447.0
5°	435.3	434.9	434.7	441.2	447.9	454.5	461.0	468.1	475.4	482.5	489.6
7.5°	380.4	379.7	379.1	387.5	396.0	404.4	412.9	422.6	432.6	442.4	452.2
10°	341.7	343.2	344.8	348.2	351.9	355.3	358.8	368.2	377.6	386.8	396.2
12.5°	355.3	366.1	377.0	379.1	381.0	383.1	385.1	386.4	387.7	389.1	390.4
15°	321.6	334.8	348.0	353.6	359.0	364.5	369.9	384.1	398.1	412.3	426.3
17.5°	267.9	281.7	295.7	312.4	329.1	345.7	362.4	377.8	393.1	408.4	423.8
20°	205.0	223.4	241.8	262.9	284.2	305.3	326.4	341.7	356.9	372.2	387.4
22.5°	147.3	162.2	177.2	202.7	228.0	253.5	278.8	305.5	332.3	359.0	385.6
25°	112.2	121.6	131.2	156.3	181.4	206.3	231.5	268.1	304.7	341.3	378.0
27.5°	95.3	101.8	108.2	130.8	153.4	175.8	198.5	242.0	285.5	329.1	372.6
30°	89.7	94.2	98.6	117.7	137.1	156.3	175.5	219.6	263.7	307.8	351.9
32.5°	82.8	86.5	90.3	107.2	124.1	140.8	157.6	200.8	243.9	286.9	330.0
35°	75.0	79.0	82.8	99.7	116.6	133.3	150.1	194.8	239.5	284.2	328.9
37.5°	74.4	77.7	80.7	100.3	120.0	139.6	159.2	203.8	248.5	293.0	337.7
40°	73.6	76.7	79.8	99.7	119.5	139.4	159.2	205.9	252.7	299.5	346.3
42.5°	75.6	79.6	83.8	101.4	119.1	136.5	154.2	203.5	252.7	301.8	351.1
45°	78.2	83.4	88.6	104.7	120.8	136.9	153.0	206.5	260.0	313.3	366.8
47.5°	80.7	83.2	85.7	101.1	116.2	131.5	146.7	201.3	256.0	310.6	365.3
50°	83.0	81.7	80.3	97.2	114.1	130.8	147.7	199.8	251.8	303.9	355.9
52.5°	78.4	75.7	72.9	90.9	108.9	126.8	144.8	197.3	249.9	302.4	354.9
55°	69.8	66.7	63.7	81.5	99.1	117.0	134.6	187.0	239.3	291.7	344.0
57.5°	61.0	59.8	58.5	72.1	85.7	99.1	112.8	170.9	229.2	287.3	345.4
60°	52.0	53.1	54.5	64.2	74.0	83.6	93.4	150.3	207.1	264.1	320.8
62.5°	46.0	48.1	50.0	58.3	66.7	75.0	83.2	136.9	190.6	244.3	298.0
65°	40.3	42.6	44.9	54.7	64.6	74.4	84.2	129.6	175.1	220.5	266.0
67.5°	35.1	36.8	38.7	51.6	64.4	77.3	90.1	127.3	164.3	201.5	238.5
70°	30.7	32.2	33.9	48.9	63.9	78.8	93.8	125.4	157.2	188.9	220.5
72.5°	27.0	28.4	29.7	44.9	60.0	75.2	90.3	118.5	146.5	174.7	202.7
75°	23.6	24.2	24.9	37.8	50.4	63.3	75.9	94.7	113.7	132.5	151.3
77.5°	17.1	17.1	17.3	21.1	24.7	28.6	32.2	43.9	55.6	67.1	78.8
80°	11.7	11.9	11.9	13.4	14.8	16.3	17.6	20.1	22.4	24.9	27.2
82.5°	5.9	5.6	5.4	6.9	8.4	10.0	11.5	12.1	12.5	13.0	13.4
85°	0.6	0.2	0.0	1.0	1.9	2.9	3.8	4.6	5.4	6.1	6.9
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: P366765
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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P366765
 CATALOG NUMBER: MSA-SA1B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4
2.5°	445.5	443.9	442.4	440.9	450.2	459.8	469.2	478.6	505.3	522.7	520.8
5°	496.5	503.4	510.3	517.2	528.3	539.6	550.7	561.9	601.4	625.5	629.0
7.5°	462.9	473.5	484.2	494.7	516.2	537.5	559.0	580.3	612.7	637.8	652.0
10°	408.3	420.3	432.2	444.3	468.5	492.8	517.0	541.1	577.6	612.3	630.1
12.5°	409.4	428.4	447.4	466.4	487.5	508.5	529.4	550.5	572.8	584.5	609.6
15°	441.2	456.2	471.2	486.1	513.7	541.3	568.8	596.4	609.6	637.8	667.1
17.5°	452.9	482.3	511.4	540.6	575.1	609.4	643.9	678.3	703.2	742.3	772.6
20°	431.3	475.2	518.9	562.8	610.2	657.5	704.9	752.3	779.5	816.7	863.5
22.5°	432.2	478.8	525.2	571.8	637.2	702.4	767.8	833.0	906.1	977.8	1000.6
25°	438.9	499.9	560.7	621.7	697.2	772.8	848.3	923.9	1012.1	1087.5	1117.8
27.5°	441.2	509.9	578.3	647.0	754.4	861.8	969.1	1076.5	1181.8	1266.9	1299.4
30°	435.7	519.7	603.5	687.3	819.0	950.7	1082.5	1214.2	1314.1	1413.3	1453.5
32.5°	437.0	544.0	651.0	758.0	913.2	1068.5	1223.6	1378.7	1442.6	1532.0	1602.9
35°	446.2	563.6	680.7	798.1	969.7	1141.3	1313.0	1484.6	1589.3	1683.6	1743.9
37.5°	467.7	597.7	727.5	857.5	1068.5	1279.6	1490.5	1701.5	1863.5	2025.5	2053.2
40°	483.6	620.9	758.2	895.5	1140.4	1385.3	1630.1	1875.0	2058.3	2234.2	2253.0
42.5°	501.6	652.0	802.5	952.8	1226.7	1500.5	1774.3	2048.2	2260.5	2439.7	2452.2
45°	521.4	676.1	830.7	985.3	1272.1	1558.8	1845.7	2132.4	2380.3	2588.5	2541.6
47.5°	530.8	696.3	861.8	1027.3	1334.8	1642.2	1949.8	2257.2	2479.6	2663.3	2608.5
50°	538.1	720.1	902.2	1084.2	1406.7	1729.3	2051.8	2374.4	2597.4	2766.9	2681.0
52.5°	558.6	762.0	965.7	1169.2	1512.2	1855.1	2198.1	2541.0	2756.7	2912.4	2792.0
55°	578.5	812.9	1047.4	1281.7	1650.7	2019.8	2388.7	2757.7	2972.5	3105.9	2942.3
57.5°	603.7	862.1	1120.4	1378.7	1773.4	2168.0	2562.5	2957.1	3167.1	3314.5	3144.6
60°	597.1	873.3	1149.6	1425.7	1827.7	2229.6	2631.5	3033.4	3282.9	3464.1	3348.9
62.5°	571.8	845.7	1119.3	1393.1	1788.0	2182.6	2577.4	2972.1	3271.0	3516.5	3477.7
65°	520.6	775.1	1029.7	1284.2	1661.2	2038.4	2415.4	2792.4	3161.3	3473.7	3487.5
67.5°	453.3	668.1	882.7	1097.4	1449.1	1800.8	2152.3	2504.0	2939.5	3303.8	3344.8
70°	382.0	543.3	704.7	866.0	1175.5	1485.0	1794.3	2103.8	2556.5	2923.2	3000.6
72.5°	306.2	410.0	513.5	617.1	840.5	1063.7	1287.1	1510.3	1908.6	2193.1	2328.3
75°	198.5	245.6	292.8	340.0	488.8	637.4	786.2	934.8	1199.3	1408.9	1561.7
77.5°	88.4	98.0	107.4	117.0	231.8	346.7	461.6	576.4	691.3	817.9	853.7
80°	31.6	35.9	40.3	44.5	100.9	157.4	213.8	270.2	325.8	391.2	407.1
82.5°	13.2	13.2	13.0	12.8	33.0	53.1	73.3	93.4	108.0	124.1	127.1
85°	5.4	4.0	2.5	1.0	4.2	7.7	10.9	14.2	22.8	20.7	38.4
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: P366765
 CATALOG NUMBER: MSA-SA1B-730-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: P366765

CATALOG NUMBER: MSA-SA1B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4
2.5°	513.5	513.1	512.8	512.4	512.0	505.1	498.4	491.5	484.8	493.2	501.6
5°	623.4	633.4	643.4	653.5	663.5	666.4	669.2	672.1	675.0	681.1	687.3
7.5°	663.9	680.7	697.4	714.3	731.0	746.5	761.9	777.4	792.9	789.1	785.3
10°	649.9	680.4	710.8	741.5	772.0	778.7	785.4	792.3	799.1	816.5	834.0
12.5°	634.7	671.3	708.0	744.6	781.2	801.6	821.7	842.0	862.3	880.0	897.6
15°	706.6	730.0	753.4	777.0	800.4	818.2	835.9	853.7	871.4	883.6	895.7
17.5°	801.2	812.7	824.2	835.9	847.4	861.4	875.4	889.4	903.4	910.7	917.9
20°	901.1	906.1	911.0	916.0	921.0	909.9	898.8	887.7	876.5	883.4	890.1
22.5°	1001.4	1003.1	1005.0	1006.7	1008.5	982.6	956.7	930.8	904.9	894.0	883.0
25°	1155.7	1143.1	1130.4	1117.8	1105.1	1074.4	1043.7	1013.1	982.4	955.3	928.3
27.5°	1322.9	1280.0	1237.2	1194.3	1151.5	1120.8	1090.1	1059.5	1028.8	988.1	947.5
30°	1491.5	1422.3	1353.2	1284.0	1215.0	1178.5	1142.1	1105.5	1069.1	1028.4	987.9
32.5°	1646.1	1562.8	1479.6	1396.2	1313.0	1251.6	1190.2	1128.9	1067.5	1039.1	1010.8
35°	1774.2	1675.8	1577.4	1478.8	1380.5	1319.7	1258.9	1198.1	1137.3	1095.1	1053.1
37.5°	1993.1	1882.5	1771.8	1661.2	1550.6	1467.5	1384.7	1301.7	1218.6	1190.4	1162.2
40°	2195.1	2055.7	1916.2	1776.8	1637.4	1567.8	1498.4	1428.8	1359.4	1313.2	1267.1
42.5°	2355.6	2208.7	2062.0	1915.1	1768.2	1699.4	1630.7	1561.9	1493.0	1462.2	1431.5
45°	2390.3	2251.8	2113.6	1975.1	1836.7	1796.6	1756.7	1716.6	1676.7	1655.5	1634.4
47.5°	2458.7	2308.6	2158.6	2008.5	1858.3	1840.3	1822.3	1804.1	1786.0	1796.2	1806.4
50°	2497.1	2343.9	2190.7	2037.4	1884.2	1889.4	1894.4	1899.6	1904.7	1976.8	2048.7
52.5°	2571.5	2416.7	2262.0	2107.2	1952.5	1985.1	2017.5	2050.1	2082.5	2181.8	2281.0
55°	2704.4	2552.3	2400.2	2248.0	2095.9	2138.9	2181.8	2225.0	2267.9	2373.4	2478.7
57.5°	2901.3	2750.4	2599.7	2448.8	2298.0	2340.8	2383.6	2426.3	2469.1	2564.4	2659.5
60°	3149.3	2994.3	2839.6	2684.6	2529.9	2546.0	2561.9	2578.0	2594.1	2696.5	2798.7
62.5°	3342.4	3199.9	3057.6	2915.1	2772.8	2755.0	2737.4	2719.5	2701.9	2779.7	2857.4
65°	3387.2	3286.9	3186.8	3086.5	2986.3	2931.4	2876.8	2821.9	2767.1	2798.5	2830.0
67.5°	3258.7	3191.1	3123.6	3055.9	2988.2	2873.7	2759.2	2644.5	2530.1	2513.4	2496.7
70°	2960.6	2923.6	2886.7	2849.7	2812.9	2636.5	2460.3	2283.8	2107.6	2065.2	2022.9
72.5°	2336.2	2359.2	2382.2	2405.4	2428.4	2239.5	2050.9	1862.0	1673.1	1619.4	1565.9
75°	1647.4	1725.4	1803.5	1881.5	1959.6	1787.4	1615.4	1443.2	1271.0	1219.4	1168.0
77.5°	893.2	1039.5	1185.8	1332.1	1478.5	1336.4	1194.5	1052.4	910.3	874.4	838.8
80°	423.4	507.8	592.0	676.3	760.7	728.7	696.7	664.4	632.4	640.3	648.1
82.5°	129.8	190.8	251.8	312.8	373.7	378.5	383.1	387.9	392.7	404.6	416.3
85°	43.5	59.6	75.7	91.9	108.0	136.3	164.7	193.3	221.7	203.3	185.0
87.5°	0.0	0.6	1.0	1.5	1.9	5.9	10.0	14.0	18.0	15.5	13.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P366765

CATALOG NUMBER: MSA-SA1B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4
2.5°	510.3	518.7	518.9	519.3	519.5	519.7	520.6	521.6	522.7	523.7	517.4
5°	693.6	699.7	688.4	677.1	665.6	654.3	664.4	674.6	684.8	694.9	690.5
7.5°	781.2	777.4	776.0	774.9	773.6	772.4	776.2	780.1	783.9	787.7	787.4
10°	851.4	868.9	873.1	877.3	881.7	885.9	877.1	868.3	859.5	850.6	847.0
12.5°	915.3	932.9	946.9	960.9	975.1	989.1	976.4	964.0	951.3	938.9	927.0
15°	908.0	920.1	931.6	943.1	954.6	966.1	961.9	957.8	953.6	949.4	947.5
17.5°	925.4	932.7	930.0	927.3	924.5	921.8	920.4	919.3	917.9	916.6	912.0
20°	897.0	904.0	902.2	900.7	899.0	897.2	896.1	894.9	893.8	892.6	889.0
22.5°	872.1	861.2	858.3	855.6	852.8	850.1	850.4	850.8	851.0	851.4	867.9
25°	901.3	874.2	863.7	853.1	842.4	831.8	836.6	841.2	846.0	850.8	874.6
27.5°	906.6	866.0	849.1	832.2	815.4	798.5	815.7	833.0	850.3	867.5	906.1
30°	947.3	906.8	883.2	859.8	836.3	812.9	834.9	857.0	879.0	901.1	942.9
32.5°	982.2	953.8	936.9	920.1	903.2	886.3	887.3	888.0	889.0	890.0	948.8
35°	1011.0	969.0	953.6	938.5	923.1	908.0	930.8	953.6	976.4	999.3	1052.2
37.5°	1134.1	1105.9	1077.7	1049.7	1021.5	993.5	1011.7	1029.9	1048.3	1066.6	1125.0
40°	1220.9	1174.9	1167.6	1160.5	1153.2	1146.1	1155.5	1164.7	1174.1	1183.5	1234.7
42.5°	1400.6	1369.7	1350.0	1330.4	1310.7	1291.1	1298.6	1306.1	1313.7	1321.2	1369.7
45°	1613.1	1591.8	1578.7	1565.7	1552.5	1539.4	1528.1	1517.0	1505.7	1494.6	1543.8
47.5°	1816.5	1826.7	1855.5	1884.0	1912.8	1941.4	1918.0	1894.6	1871.0	1847.6	1847.8
50°	2120.9	2192.8	2207.3	2221.7	2236.3	2250.7	2200.8	2151.0	2100.9	2051.1	2045.1
52.5°	2380.3	2479.4	2484.6	2489.8	2495.2	2500.3	2480.2	2460.1	2439.7	2419.6	2366.1
55°	2584.1	2689.4	2696.5	2703.4	2710.5	2717.4	2699.8	2682.3	2664.7	2647.0	2593.0
57.5°	2754.8	2849.9	2854.1	2858.2	2862.4	2866.6	2867.9	2869.3	2870.8	2872.2	2799.1
60°	2901.1	3003.5	2995.1	2986.8	2978.4	2970.1	2957.5	2944.8	2932.2	2919.5	2872.4
62.5°	2935.2	3013.1	3000.1	2987.2	2974.2	2961.3	2950.6	2940.0	2929.3	2918.6	2888.5
65°	2861.4	2892.9	2879.4	2866.0	2852.4	2839.0	2832.1	2825.4	2818.5	2811.6	2807.7
67.5°	2479.8	2463.1	2479.1	2495.0	2510.9	2526.8	2548.5	2570.1	2592.0	2613.7	2601.0
70°	1980.3	1937.9	1955.6	1973.0	1990.6	2008.1	2040.9	2073.7	2106.7	2139.5	2130.6
72.5°	1512.2	1458.5	1461.0	1463.5	1466.2	1468.7	1467.7	1467.0	1466.0	1465.0	1480.4
75°	1116.4	1064.8	1040.5	1016.1	991.8	967.4	961.5	955.5	949.6	943.6	972.2
77.5°	802.9	767.2	750.5	734.1	717.4	700.9	709.3	717.8	726.4	734.8	744.8
80°	656.2	664.1	651.2	638.6	625.7	612.9	622.4	631.8	641.4	651.0	621.3
82.5°	428.2	439.9	400.4	360.9	321.4	281.9	305.9	329.8	354.0	378.0	365.7
85°	166.6	148.4	126.6	104.9	83.0	61.2	79.6	98.0	116.4	134.8	147.1
87.5°	10.7	8.4	6.7	5.0	3.1	1.3	2.9	4.4	6.1	7.7	12.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366765
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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: P366765

CATALOG NUMBER: MSA-SA1B-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4	405.4
2.5°	511.2	504.9	498.8	486.7	474.6	462.5	450.4	467.3	484.2	501.1	517.9
5°	686.3	681.9	677.7	678.8	680.0	681.3	682.5	685.0	687.5	689.8	692.2
7.5°	787.2	786.8	786.4	777.6	768.8	759.7	750.9	755.3	759.7	764.2	768.6
10°	843.5	839.9	836.3	816.9	797.5	778.0	758.6	750.2	741.5	733.1	724.7
12.5°	915.1	903.0	891.1	870.4	849.9	829.2	808.5	800.8	792.9	785.3	777.4
15°	945.8	943.8	942.1	927.3	912.4	897.6	882.7	856.4	829.9	803.7	777.4
17.5°	907.4	902.6	898.0	921.4	944.6	968.0	991.4	964.2	936.9	909.7	882.5
20°	885.3	881.7	878.1	921.6	964.9	1008.5	1051.8	1039.7	1027.4	1015.4	1003.3
22.5°	884.4	901.1	917.6	955.7	993.7	1031.9	1069.8	1090.7	1111.8	1132.7	1153.6
25°	898.4	922.4	946.1	1009.4	1072.7	1136.2	1199.5	1223.4	1247.2	1271.2	1294.9
27.5°	944.4	983.0	1021.3	1076.5	1131.8	1187.2	1242.4	1294.8	1347.3	1399.6	1452.0
30°	984.5	1026.3	1068.1	1133.9	1199.5	1265.2	1330.8	1396.4	1462.0	1527.5	1593.1
32.5°	1007.7	1066.8	1125.6	1205.6	1285.4	1365.3	1445.3	1517.2	1589.1	1660.8	1732.7
35°	1105.1	1158.2	1211.1	1299.5	1387.9	1476.5	1564.9	1653.9	1742.9	1831.7	1920.7
37.5°	1183.5	1242.2	1300.7	1397.3	1493.8	1590.4	1687.1	1810.0	1933.1	2056.0	2179.0
40°	1285.9	1337.1	1388.3	1478.8	1569.2	1659.7	1750.2	1906.1	2062.0	2217.7	2373.6
42.5°	1418.1	1466.6	1515.1	1611.9	1708.8	1805.6	1902.4	2075.0	2247.6	2420.0	2592.6
45°	1593.1	1642.6	1691.9	1769.0	1846.1	1923.1	2000.2	2183.7	2367.1	2550.6	2733.9
47.5°	1848.0	1848.2	1848.4	1904.0	1959.6	2015.4	2071.0	2255.8	2440.5	2625.4	2810.0
50°	2039.2	2033.0	2027.1	2055.8	2084.4	2113.2	2141.9	2312.0	2482.3	2652.4	2822.5
52.5°	2312.8	2259.3	2206.0	2223.1	2239.9	2257.0	2273.9	2417.9	2562.1	2706.1	2850.1
55°	2539.1	2485.0	2430.9	2424.6	2418.3	2411.9	2405.6	2538.1	2670.6	2803.1	2935.6
57.5°	2726.2	2653.2	2580.3	2565.7	2551.3	2536.8	2522.2	2662.0	2801.6	2941.4	3081.0
60°	2825.4	2778.2	2731.0	2721.6	2712.0	2702.6	2693.1	2807.7	2922.4	3037.1	3151.7
62.5°	2858.5	2828.4	2798.5	2816.2	2833.8	2851.6	2869.3	2919.7	2970.0	3020.4	3070.6
65°	2804.1	2800.3	2796.4	2832.7	2868.7	2905.0	2941.2	2928.7	2916.1	2903.6	2891.1
67.5°	2588.5	2575.9	2563.4	2643.0	2722.4	2802.0	2881.6	2821.2	2760.6	2700.2	2639.7
70°	2121.8	2112.8	2104.0	2218.6	2333.3	2448.2	2562.9	2489.6	2416.4	2343.1	2269.8
72.5°	1495.5	1510.9	1526.2	1661.4	1796.4	1931.6	2066.6	1992.8	1918.9	1845.1	1771.3
75°	1000.6	1029.2	1057.7	1197.0	1336.2	1475.6	1614.8	1528.1	1441.4	1354.8	1268.1
77.5°	754.8	764.7	774.7	862.7	950.7	1038.9	1127.0	1055.4	983.7	912.2	840.5
80°	591.6	561.7	531.9	560.9	589.8	618.8	647.8	605.0	562.2	519.7	476.9
82.5°	353.4	341.1	328.9	344.6	360.1	375.8	391.6	373.2	354.6	336.2	317.6
85°	159.2	171.4	183.5	199.4	215.2	231.1	247.0	221.3	195.6	169.9	144.2
87.5°	17.8	23.0	28.2	34.9	41.6	48.3	55.0	43.0	30.7	18.6	6.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	405.4	405.4
2.5°	527.7	537.5
5°	692.1	691.7
7.5°	757.1	745.4
10°	713.9	703.2
12.5°	750.0	722.5
15°	756.7	736.0
17.5°	848.7	814.8
20°	959.8	916.0
22.5°	1093.8	1033.8
25°	1223.6	1152.3
27.5°	1409.2	1366.3
30°	1549.8	1506.3
32.5°	1703.2	1673.7
35°	1891.3	1861.8
37.5°	2186.6	2194.1
40°	2378.2	2382.8
42.5°	2610.4	2628.2
45°	2753.8	2773.8
47.5°	2837.8	2865.6
50°	2867.4	2912.2
52.5°	2905.5	2960.8
55°	2997.2	3058.7
57.5°	3130.1	3179.2
60°	3154.0	3156.3
62.5°	3035.2	2999.7
65°	2853.4	2815.6
67.5°	2616.9	2593.9
70°	2239.5	2209.3
72.5°	1714.9	1658.5
75°	1198.3	1128.5
77.5°	803.9	767.2
80°	478.1	479.0
82.5°	326.4	335.0
85°	142.5	140.6
87.5°	4.6	2.5
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)