

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: P596641

Luminaire Tested: **MSA-SA2D-827-U-SLR-HSS**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P596641
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)
Test Lab: INNOVATIONS CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA2D-827-U-SLR-HSS
Description: MESA POST TOP DECORATIVE LUMINAIRE. (2) 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: 7233 lumens
Efficiency: N/A
Efficacy: 56.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

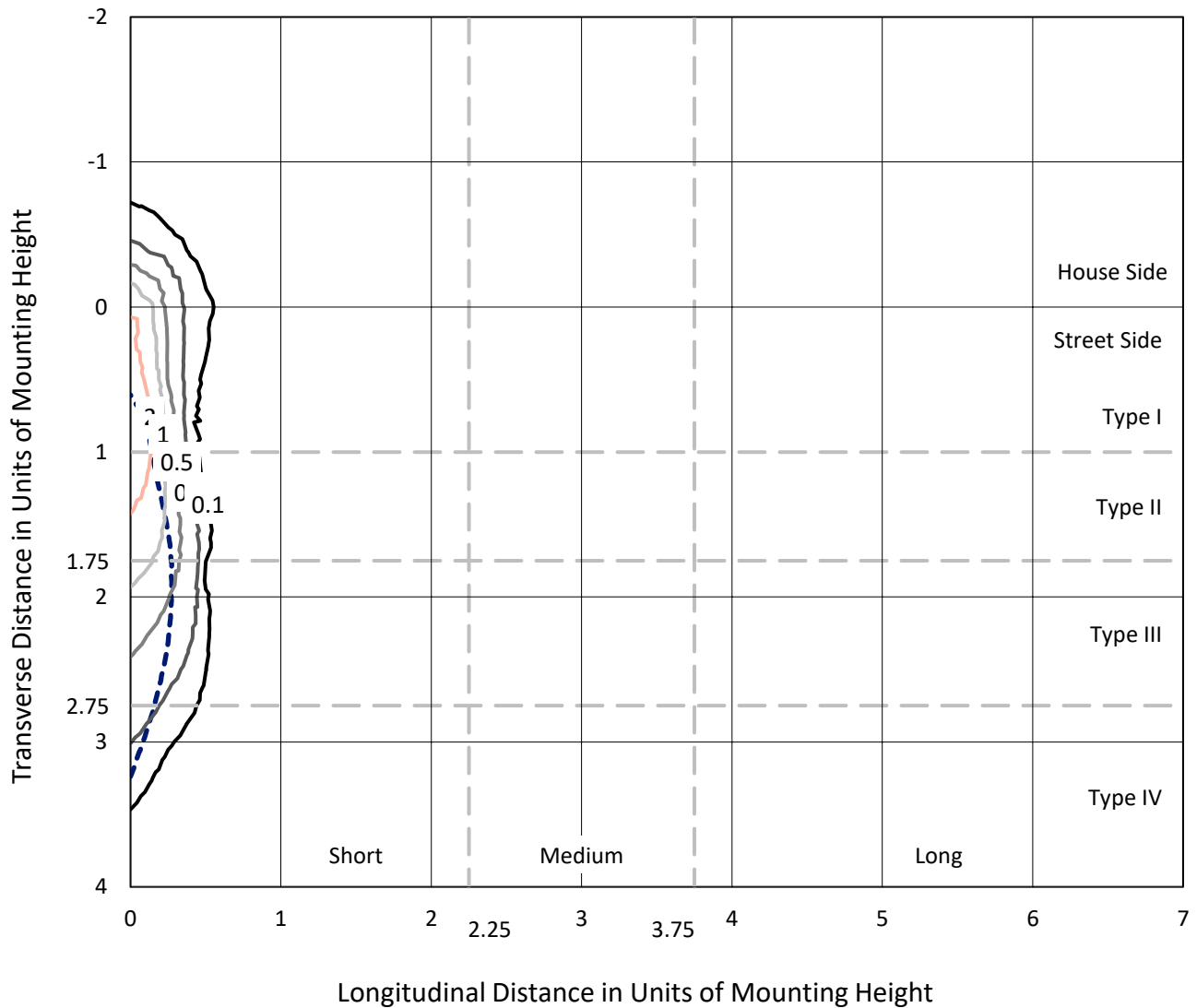
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

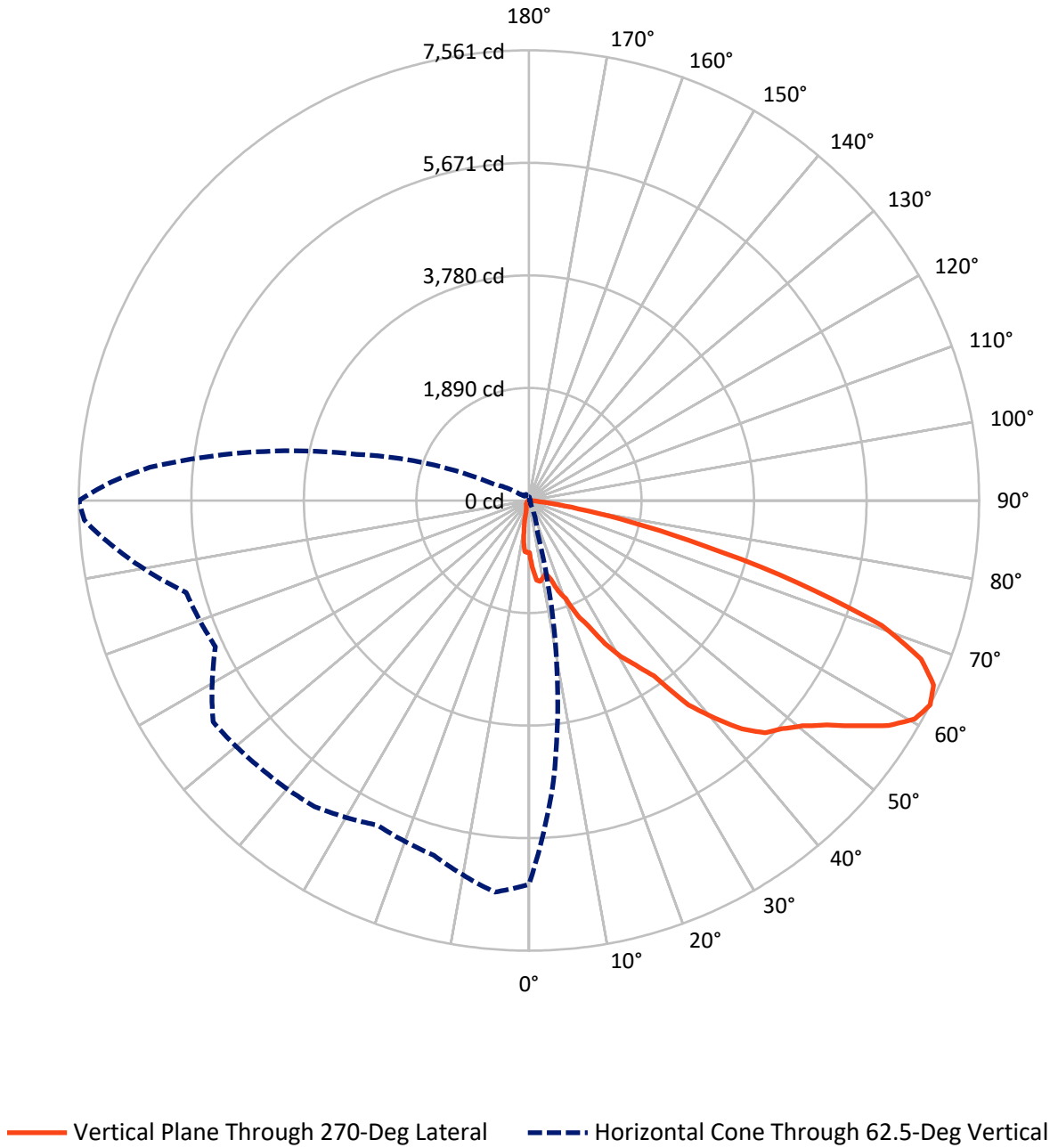
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.7 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	1207.8	0.0	1207.8
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	6025.2	0.0	6025.2
	% Fixture	83.3	0.0	83.3
Total	Lumens	7233.0	0.0	7233.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.4	1.3
10°-20°	254.4	3.5
20°-30°	411.2	5.7
30°-40°	688.7	9.5
40°-50°	1125.8	15.6
50°-60°	1666.5	23.0
60°-70°	1913.2	26.5
70°-80°	946.0	13.1
80°-90°	129.9	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°	7233.0	100.0
0°-180°	7233.0	100.0

Coefficient of Utilization

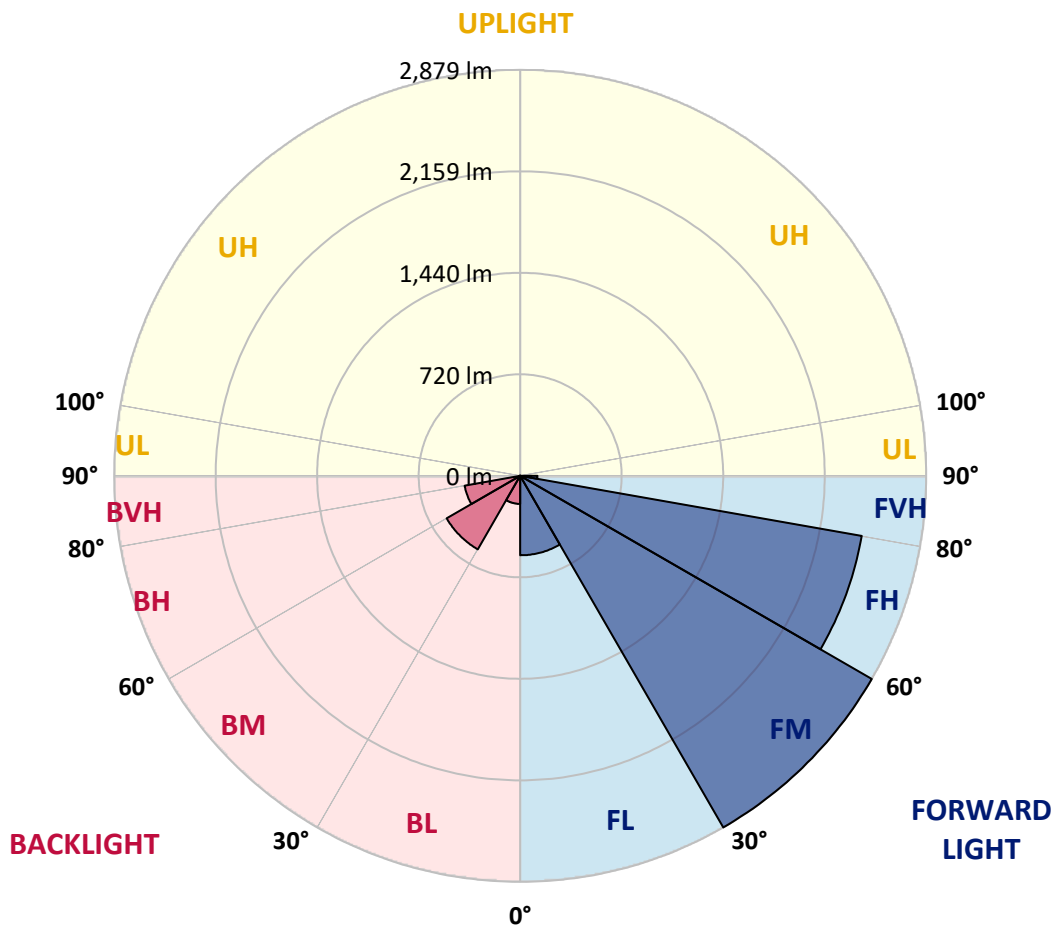


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	563.5	7.8			
FM (30°-60°)	2879.1	39.8			
FH (60°-80°)	2459.6	34.0			G2/5000
FVH (80°-90°)	123.0	1.7			G2/225
BL (0°-30°)	199.4	2.8	B1/500		
BM (30°-60°)	601.9	8.3	B1/1000		
BH (60°-80°)	399.6	5.5	B1/500		G1/500
BVH (80°-90°)	6.9	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-G2
 Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6
2.5°	1155.7	1170.1	1184.1	1157.3	1130.5	1103.7	1076.9	1053.0	1029.1	1004.8	980.9
5°	1487.2	1460.8	1434.4	1398.1	1361.8	1325.6	1289.3	1272.4	1255.5	1238.6	1221.7
7.5°	1602.6	1555.6	1508.2	1476.0	1444.3	1412.1	1380.0	1329.3	1278.1	1227.4	1176.3
10°	1511.9	1462.0	1411.7	1383.7	1355.7	1327.6	1299.6	1236.5	1173.0	1109.9	1046.4
12.5°	1553.6	1499.5	1445.5	1387.8	1330.1	1272.4	1214.6	1166.4	1117.8	1069.5	1020.9
15°	1582.4	1520.6	1458.3	1392.4	1326.4	1260.4	1194.4	1137.5	1081.1	1024.2	967.3
17.5°	1751.9	1663.2	1574.6	1473.2	1371.7	1270.3	1168.9	1102.9	1037.4	971.4	905.4
20°	1969.6	1843.8	1717.7	1580.4	1443.1	1305.8	1168.5	1086.4	1004.4	922.3	840.3
22.5°	2222.7	2065.6	1908.1	1738.7	1569.6	1400.2	1230.7	1112.8	994.9	877.0	759.1
25°	2477.5	2335.7	2193.9	1965.9	1737.9	1509.4	1281.4	1131.8	981.7	832.0	682.0
27.5°	2937.7	2684.1	2430.5	2140.3	1850.4	1560.2	1269.9	1098.4	926.9	754.9	583.4
30°	3238.6	3043.6	2848.2	2464.8	2081.7	1698.3	1314.8	1097.6	880.3	662.6	445.3
32.5°	3598.6	3313.3	3027.5	2611.5	2195.5	1779.5	1363.5	1108.3	852.6	597.4	341.8
35°	4003.1	3692.6	3382.1	2855.2	2328.3	1800.9	1274.0	1026.6	779.3	531.9	284.5
37.5°	4717.6	4198.1	3678.6	3064.2	2449.5	1835.2	1220.4	973.4	726.1	479.1	231.7
40°	5123.3	4627.3	4131.3	3363.6	2595.9	1828.2	1060.4	841.1	622.2	402.8	183.5
42.5°	5651.0	5021.9	4392.3	3534.3	2676.3	1818.3	960.3	757.4	554.5	351.3	148.4
45°	5964.0	5251.1	4538.2	3608.5	2678.7	1749.0	819.2	643.6	468.0	292.3	116.7
47.5°	6161.5	5446.5	4731.6	3733.4	2735.6	1737.4	739.3	577.6	416.0	254.4	92.8
50°	6261.7	5544.7	4827.3	3801.4	2775.6	1749.4	723.6	562.8	401.6	240.8	79.6
52.5°	6366.0	5674.5	4982.7	3919.4	2856.0	1792.7	729.4	565.3	401.6	237.5	73.4
55°	6576.7	5894.7	5212.3	4088.4	2964.5	1840.5	716.6	555.0	393.3	231.3	69.7
57.5°	6835.6	6106.6	5377.3	4212.1	3046.9	1881.8	716.6	554.1	391.7	228.8	66.4
60°	6786.5	5995.3	5203.7	4073.1	2942.6	1811.7	681.1	526.5	372.3	217.7	63.1
62.5°	6449.7	5590.8	4731.6	3686.8	2641.6	1596.9	551.7	428.4	305.1	181.4	58.1
65°	6053.9	5142.3	4230.2	3268.7	2306.8	1345.3	383.4	301.0	218.1	135.6	52.8
67.5°	5577.2	4605.0	3632.8	2777.7	1923.0	1067.9	212.7	171.5	130.3	88.6	47.4
70°	4750.2	3746.6	2742.6	2085.4	1428.6	771.4	114.2	96.5	78.8	61.0	43.3
72.5°	3566.0	2646.6	1727.1	1312.0	897.2	482.0	66.8	60.2	53.2	46.6	39.6
75°	2426.4	1737.4	1048.5	798.2	548.4	298.1	47.8	44.5	40.8	37.5	33.8
77.5°	1649.6	1193.2	736.8	562.4	388.0	213.6	39.2	37.1	35.0	32.6	30.5
80°	1029.9	705.0	380.1	292.7	204.9	117.5	29.7	28.4	27.2	25.6	24.3
82.5°	720.3	430.9	141.4	110.5	79.6	48.2	17.3	17.7	18.1	18.1	18.6
85°	302.2	163.3	24.3	20.6	16.9	13.2	9.5	10.3	11.5	12.4	13.2
87.5°	5.4	2.9	0.0	0.8	2.1	2.9	3.7	4.9	5.8	7.0	7.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6
2.5°	987.1	993.2	999.0	1005.2	1000.2	995.7	990.8	985.8	978.4	971.4	964.0
5°	1201.0	1180.4	1159.8	1139.2	1107.9	1076.5	1044.8	1013.4	1009.7	1006.0	1001.9
7.5°	1128.1	1079.8	1031.2	982.9	937.6	892.2	846.9	801.5	787.5	773.9	759.9
10°	1009.3	972.2	934.7	897.6	865.0	832.0	799.5	766.5	732.3	698.0	663.4
12.5°	982.1	943.4	904.2	865.4	835.7	806.1	776.4	746.7	708.3	670.0	631.6
15°	925.2	883.2	841.1	799.0	759.5	719.9	679.9	640.3	594.1	548.0	501.8
17.5°	855.5	806.1	756.2	706.3	654.3	602.4	550.4	498.5	445.3	392.5	339.3
20°	772.7	705.0	637.0	569.4	505.1	440.8	376.0	311.7	278.3	245.3	211.9
22.5°	671.6	583.8	496.4	408.6	355.8	302.6	249.9	196.7	182.2	167.8	153.4
25°	582.6	483.2	383.9	284.5	251.1	217.7	184.3	150.9	144.3	137.3	130.7
27.5°	489.8	396.6	303.0	209.5	190.5	171.1	152.1	132.8	128.2	124.1	119.6
30°	375.6	305.9	235.8	166.2	153.8	141.4	128.6	116.3	114.2	111.7	109.7
32.5°	291.1	240.0	189.2	138.1	131.1	124.1	117.1	110.1	106.8	103.5	99.8
35°	243.3	202.4	161.2	120.0	115.0	109.7	104.7	99.4	96.1	92.4	89.1
37.5°	201.6	171.9	141.8	111.7	106.4	101.0	95.2	89.9	87.4	84.9	82.5
40°	166.2	148.8	131.5	114.2	106.4	98.5	90.7	82.9	80.8	78.8	76.7
42.5°	137.3	126.2	114.6	103.5	97.7	92.4	86.6	80.8	77.9	74.6	71.7
45°	110.9	104.7	99.0	92.8	93.2	93.6	93.6	94.0	86.6	78.8	71.3
47.5°	89.9	87.0	83.7	80.8	84.1	87.4	90.3	93.6	85.8	77.9	69.7
50°	77.1	75.0	72.6	70.1	73.4	77.1	80.4	83.7	80.4	77.5	74.2
52.5°	70.5	67.6	64.7	61.8	63.1	64.7	66.0	67.2	67.2	67.2	67.2
55°	66.4	63.5	60.2	56.9	55.7	54.0	52.8	51.1	49.1	47.4	45.4
57.5°	63.1	59.8	56.1	52.8	50.7	48.2	46.2	43.7	41.6	39.2	37.1
60°	59.8	56.5	52.8	49.5	47.4	45.4	42.9	40.8	38.3	36.3	33.8
62.5°	55.2	52.4	49.5	46.6	44.5	42.9	40.8	38.8	36.3	33.8	30.9
65°	50.3	48.2	45.8	43.3	41.2	39.2	37.1	35.0	32.6	30.5	28.0
67.5°	45.8	43.7	42.1	40.0	37.5	35.5	33.0	30.5	28.9	27.2	25.2
70°	42.1	40.4	39.2	37.5	35.0	33.0	30.5	28.0	26.8	25.2	23.9
72.5°	38.3	37.1	35.5	34.2	32.2	30.1	28.0	26.0	24.7	23.5	22.3
75°	33.0	32.2	31.3	30.5	28.4	26.4	23.9	21.9	21.4	21.0	20.6
77.5°	29.7	29.3	28.4	27.6	25.6	23.5	21.4	19.4	19.8	20.2	20.2
80°	24.3	24.3	23.9	23.9	22.3	20.6	18.6	16.9	17.7	19.0	19.8
82.5°	18.6	18.6	18.6	18.6	16.9	15.3	13.6	12.0	13.2	14.0	15.3
85°	12.8	12.4	12.0	11.5	10.3	9.5	8.2	7.0	8.7	9.9	11.5
87.5°	7.8	8.2	8.2	8.2	7.4	6.2	5.4	4.1	4.9	5.4	6.2
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):

	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: P596641
 CATALOG NUMBER: MSA-SA2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6
2.5°	956.5	944.2	931.8	919.0	906.7	877.8	848.9	820.1	791.2	812.7	833.7
5°	998.2	974.3	949.9	926.0	901.7	891.0	880.7	870.0	859.2	860.9	863.0
7.5°	745.9	730.2	714.5	698.4	682.8	679.5	676.6	673.3	670.0	677.0	683.6
10°	629.2	607.3	585.1	563.2	540.9	529.0	517.0	505.1	493.1	491.9	490.2
12.5°	593.3	559.9	526.9	493.5	460.1	434.2	408.2	382.2	356.2	358.3	360.4
15°	455.6	422.2	389.2	355.8	322.4	301.4	280.0	258.9	237.5	231.3	225.1
17.5°	286.1	261.4	236.7	211.5	186.8	179.8	173.2	166.2	159.1	157.1	155.0
20°	178.5	167.8	157.1	146.0	135.2	133.6	131.9	130.3	128.6	129.9	131.1
22.5°	138.9	134.4	129.5	124.9	120.0	118.3	116.7	115.0	113.4	114.6	115.4
25°	123.7	120.4	117.1	113.8	110.5	108.8	106.8	105.1	103.1	103.9	105.1
27.5°	115.0	112.1	109.3	106.4	103.5	100.6	98.1	95.2	92.4	94.0	95.2
30°	107.2	103.9	101.0	97.7	94.4	91.5	88.6	85.3	82.5	84.1	85.8
32.5°	96.5	93.6	90.3	87.4	84.1	82.5	80.8	78.8	77.1	78.3	79.2
35°	85.3	82.9	80.8	78.3	75.9	74.2	73.0	71.3	69.7	70.1	70.9
37.5°	80.0	77.1	74.2	71.3	68.4	67.6	66.8	65.6	64.7	64.7	64.7
40°	74.6	71.7	68.9	65.6	62.7	61.4	60.2	59.0	57.7	57.7	57.7
42.5°	68.4	65.6	62.7	59.8	56.9	55.7	54.0	52.8	51.1	51.1	51.1
45°	63.5	60.6	58.1	55.2	52.4	50.3	48.2	45.8	43.7	43.3	42.9
47.5°	61.8	57.7	53.6	49.5	45.4	43.3	41.2	38.8	36.7	36.3	35.9
50°	70.9	62.7	54.4	46.2	37.9	36.3	34.6	33.0	31.3	30.5	30.1
52.5°	67.2	58.5	49.9	41.2	32.6	31.3	30.1	28.9	27.6	26.8	26.0
55°	43.3	39.6	36.3	32.6	28.9	28.0	27.2	26.0	25.2	24.3	23.5
57.5°	34.6	32.6	30.9	28.9	26.8	26.0	25.2	23.9	23.1	21.9	21.0
60°	31.3	29.7	28.0	26.4	24.7	23.9	23.1	22.3	21.4	20.2	19.4
62.5°	28.4	27.2	26.0	24.7	23.5	22.7	21.9	21.0	20.2	19.0	17.7
65°	25.6	24.7	23.9	23.1	22.3	21.4	20.6	19.4	18.6	17.3	16.1
67.5°	23.5	23.1	22.7	22.3	21.9	21.0	19.8	19.0	17.7	16.5	14.8
70°	22.3	22.3	22.3	21.9	21.9	21.0	19.8	19.0	17.7	16.1	14.8
72.5°	21.0	21.4	21.9	21.9	22.3	21.0	19.8	18.6	17.3	15.7	14.4
75°	20.2	20.6	21.0	21.0	21.4	20.6	19.8	18.6	17.7	16.1	14.4
77.5°	20.6	21.0	21.0	21.4	21.4	20.6	19.8	18.6	17.7	15.7	13.6
80°	20.6	20.2	19.8	19.0	18.6	16.9	15.3	13.2	11.5	9.1	7.0
82.5°	16.1	15.3	14.8	14.0	13.2	11.5	9.9	8.2	6.6	4.9	3.3
85°	12.8	12.0	11.5	10.7	9.9	8.7	7.0	5.8	4.1	3.3	2.1
87.5°	6.6	6.2	5.4	4.9	4.1	3.3	2.1	1.2	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: P596641
 CATALOG NUMBER: MSA-SA2D-827-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: P596641
 CATALOG NUMBER: MSA-SA2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6
2.5°	855.1	876.1	873.3	870.4	884.0	897.6	887.7	878.2	868.3	858.4	837.8
5°	864.6	866.3	863.4	860.1	860.5	860.9	854.3	847.7	841.1	834.5	833.3
7.5°	690.6	697.2	706.3	714.9	715.3	715.3	710.4	705.5	700.1	695.1	697.6
10°	489.0	487.3	489.8	492.3	491.9	491.1	504.2	517.4	530.2	543.4	533.9
12.5°	362.0	364.1	353.8	343.4	347.2	350.5	352.5	354.6	356.6	358.7	364.5
15°	218.9	212.7	205.3	197.9	201.6	204.9	208.6	211.9	215.6	218.9	222.6
17.5°	152.6	150.5	147.2	143.5	143.9	144.3	144.7	145.1	145.1	145.5	146.4
20°	132.3	133.6	131.1	128.2	127.4	126.2	125.3	124.5	123.3	122.5	121.2
22.5°	116.7	117.5	117.9	117.9	116.3	114.2	112.6	111.3	109.7	108.0	107.2
25°	106.0	106.8	106.0	104.7	103.9	103.1	102.3	101.0	100.2	99.0	98.5
27.5°	96.9	98.1	98.1	97.7	96.9	95.7	93.6	91.9	89.9	87.8	88.2
30°	87.4	89.1	89.1	88.6	88.2	87.8	85.8	83.7	81.6	79.6	80.4
32.5°	80.4	81.2	80.8	80.4	80.4	80.0	78.3	77.1	75.5	73.8	73.8
35°	71.3	71.7	71.7	71.7	71.7	71.3	70.1	68.9	67.6	66.4	66.8
37.5°	64.7	64.7	66.0	66.8	66.0	65.1	64.3	63.1	62.3	61.0	61.0
40°	57.3	57.3	58.5	59.4	58.5	57.7	57.3	56.5	56.1	55.2	55.2
42.5°	50.7	50.7	52.0	52.8	52.8	52.4	51.5	50.7	49.9	49.1	49.5
45°	42.5	42.1	44.1	45.8	44.9	44.1	44.1	43.7	43.7	43.3	43.7
47.5°	35.0	34.6	36.3	37.9	37.5	36.7	36.7	36.7	36.7	36.7	37.1
50°	29.3	28.4	30.1	31.3	30.9	30.1	30.1	30.5	30.5	30.5	30.9
52.5°	25.2	24.3	25.6	26.4	26.0	25.6	25.6	26.0	26.0	26.0	26.4
55°	22.3	21.4	22.7	23.5	23.1	22.3	22.7	22.7	23.1	23.1	23.1
57.5°	19.8	18.6	19.4	20.2	20.2	19.8	20.2	20.2	20.6	20.6	20.6
60°	18.1	16.9	17.7	18.1	18.1	17.7	18.1	18.1	18.6	18.6	18.6
62.5°	16.1	14.8	15.7	16.1	16.1	15.7	16.1	16.1	16.5	16.5	16.5
65°	14.4	13.2	13.6	14.0	14.0	14.0	14.4	14.4	14.8	14.8	14.8
67.5°	13.6	12.0	12.4	12.8	12.8	12.8	13.2	13.2	13.6	13.6	14.0
70°	13.2	11.5	12.0	12.0	12.4	12.4	12.4	12.8	12.8	12.8	12.8
72.5°	12.8	11.1	11.1	11.1	11.5	11.5	11.5	12.0	12.0	12.0	12.0
75°	12.8	11.1	10.7	10.3	10.7	10.7	10.7	11.1	11.1	11.1	11.1
77.5°	11.1	9.1	8.2	7.0	8.2	9.1	9.5	9.5	9.9	9.9	9.9
80°	4.5	2.1	1.2	0.0	0.4	0.8	1.2	1.6	2.1	2.5	2.9
82.5°	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.2	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: P596641
 CATALOG NUMBER: MSA-SA2D-827-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: P596641
 CATALOG NUMBER: MSA-SA2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6
2.5°	817.2	796.6	776.0	785.9	795.7	805.6	815.5	814.7	813.5	812.7	811.4
5°	832.4	831.2	830.0	824.2	818.8	813.1	807.3	806.1	804.4	803.2	801.5
7.5°	700.1	702.2	704.6	698.0	691.4	684.8	678.2	661.3	644.4	627.1	610.2
10°	524.5	514.6	505.1	504.2	503.4	502.6	501.8	500.1	498.5	496.4	494.8
12.5°	370.7	376.4	382.2	380.1	378.1	375.6	373.5	376.4	379.7	382.6	385.5
15°	225.9	229.7	233.0	240.4	247.8	255.2	262.6	265.5	268.8	271.7	274.6
17.5°	147.2	147.6	148.4	156.7	164.5	172.8	180.6	185.9	191.3	196.3	201.6
20°	120.0	118.7	117.5	122.0	126.6	131.1	135.6	140.6	145.5	150.5	155.4
22.5°	106.8	106.0	105.1	106.8	108.4	109.7	111.3	115.0	119.2	122.9	126.6
25°	98.1	97.3	96.9	97.7	98.5	99.4	100.2	102.3	104.3	106.4	108.4
27.5°	88.2	88.6	88.6	89.5	89.9	90.7	91.1	91.9	93.2	94.0	94.8
30°	80.8	81.6	82.0	82.9	83.3	84.1	84.5	84.1	83.7	83.3	82.9
32.5°	73.8	73.4	73.4	74.2	74.6	75.5	75.9	76.7	77.5	77.9	78.8
35°	66.8	67.2	67.2	67.2	67.6	67.6	67.6	68.4	69.7	70.5	71.3
37.5°	60.6	60.6	60.2	61.4	62.3	63.5	64.3	65.1	66.4	67.2	68.0
40°	55.2	55.2	55.2	56.1	56.9	57.3	58.1	60.2	62.3	64.3	66.4
42.5°	49.5	49.9	49.9	50.7	51.5	52.0	52.8	54.4	55.7	57.3	58.5
45°	44.1	44.5	44.9	45.8	46.2	47.0	47.4	48.2	48.7	49.5	49.9
47.5°	37.9	38.3	38.8	39.6	40.0	40.8	41.2	40.8	40.8	40.4	40.0
50°	31.7	32.2	32.6	33.8	34.6	35.9	36.7	35.9	35.0	33.8	33.0
52.5°	26.8	26.8	27.2	28.0	28.9	29.3	30.1	29.7	29.3	28.9	28.4
55°	23.1	23.1	23.1	23.5	23.9	24.3	24.7	25.2	25.2	25.6	25.6
57.5°	20.6	20.2	20.2	20.6	21.0	21.0	21.4	21.9	21.9	22.3	22.3
60°	18.6	18.1	18.1	18.6	19.0	19.4	19.8	19.8	19.8	19.4	19.4
62.5°	16.5	16.5	16.5	16.9	16.9	17.3	17.3	17.3	17.7	17.7	17.7
65°	15.3	15.3	15.3	15.3	15.3	14.8	14.8	15.3	15.3	15.7	15.7
67.5°	14.0	14.4	14.4	14.0	13.6	13.2	12.8	13.2	13.2	13.6	13.6
70°	12.8	12.8	12.8	12.4	12.0	11.5	11.1	11.1	11.1	10.7	10.7
72.5°	12.0	11.5	11.5	11.1	10.3	9.9	9.1	8.7	8.7	8.2	7.8
75°	11.1	10.7	10.7	9.9	9.1	8.2	7.4	7.0	6.2	5.8	4.9
77.5°	9.9	9.9	9.9	8.7	7.8	6.6	5.4	4.5	3.7	2.5	1.6
80°	3.3	3.7	4.1	3.7	3.7	3.3	2.9	2.1	1.6	0.8	0.0
82.5°	0.4	0.4	0.4	0.4	0.4	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: P596641
 CATALOG NUMBER: MSA-SA2D-827-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: P596641
 CATALOG NUMBER: MSA-SA2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6
2.5°	815.9	820.5	825.0	829.6	830.0	830.4	830.8	831.2	820.9	810.2	799.9
5°	809.8	818.4	826.7	834.9	830.4	825.8	821.3	816.8	816.4	816.4	815.9
7.5°	611.4	612.3	613.5	614.3	616.0	617.6	618.9	620.5	627.1	633.7	639.9
10°	489.4	484.0	478.3	472.9	468.8	464.3	460.1	455.6	458.9	462.6	465.9
12.5°	381.0	376.4	371.5	367.0	365.3	363.7	361.6	359.9	370.7	381.4	391.7
15°	273.8	272.9	271.7	270.9	276.2	281.6	287.0	292.3	301.4	310.1	319.1
17.5°	203.7	205.7	207.8	209.9	213.2	216.5	219.3	222.6	229.2	236.3	242.8
20°	157.9	160.8	163.3	165.7	164.9	164.1	162.9	162.0	167.4	172.8	177.7
22.5°	129.1	131.1	133.6	135.6	136.1	136.5	136.9	137.3	140.6	143.5	146.8
25°	110.5	113.0	115.0	117.1	117.5	117.9	118.3	118.7	122.9	127.0	130.7
27.5°	97.7	100.2	103.1	105.5	106.4	107.2	108.0	108.8	111.3	113.4	115.9
30°	86.2	89.5	92.8	96.1	97.3	98.5	99.8	101.0	103.5	106.4	108.8
32.5°	80.4	82.5	84.1	85.8	88.6	91.1	94.0	96.5	99.4	102.7	105.5
35°	73.8	75.9	78.3	80.4	82.5	84.5	86.2	88.2	89.9	91.5	92.8
37.5°	69.7	71.7	73.4	75.0	75.9	76.7	77.1	77.9	78.8	79.6	80.0
40°	66.4	66.0	66.0	65.6	66.4	67.6	68.4	69.3	71.7	73.8	76.3
42.5°	57.7	56.5	55.7	54.4	56.5	58.1	60.2	61.8	65.1	68.4	71.7
45°	49.1	48.2	47.0	46.2	49.1	52.0	54.8	57.7	61.4	64.7	68.4
47.5°	40.4	40.8	40.8	41.2	44.1	47.0	49.5	52.4	56.1	59.8	63.5
50°	33.8	34.6	35.5	36.3	39.2	41.6	44.5	47.0	51.1	54.8	59.0
52.5°	29.7	30.9	31.7	33.0	35.5	38.3	40.8	43.3	47.0	50.7	54.4
55°	26.8	28.4	29.7	30.9	33.0	35.0	37.1	39.2	42.9	46.6	49.9
57.5°	23.5	24.7	26.0	27.2	29.3	31.3	33.0	35.0	38.3	42.1	45.4
60°	20.6	21.4	22.7	23.5	25.2	27.2	28.9	30.5	33.8	37.1	40.0
62.5°	18.1	19.0	19.4	19.8	21.4	23.1	24.7	26.4	29.3	32.6	35.5
65°	16.1	16.5	16.5	16.9	18.1	19.8	21.0	22.3	25.6	28.4	31.7
67.5°	13.6	14.0	14.0	14.0	15.3	16.5	17.7	19.0	21.9	25.2	28.0
70°	10.7	11.1	11.1	11.1	12.4	14.0	15.3	16.5	19.0	21.4	23.9
72.5°	8.2	8.2	8.7	8.7	9.9	11.5	12.8	14.0	16.1	18.1	20.2
75°	5.4	5.8	5.8	6.2	7.4	9.1	10.3	11.5	13.6	15.7	17.3
77.5°	2.1	2.9	3.3	3.7	4.9	6.2	7.4	8.7	10.3	12.4	14.0
80°	0.0	0.4	0.4	0.4	1.2	1.6	2.5	2.9	4.1	5.8	7.0
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: P596641
 CATALOG NUMBER: MSA-SA2D-827-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: P596641
 CATALOG NUMBER: MSA-SA2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6
2.5°	789.1	811.8	834.5	857.2	879.9	907.9	935.9	940.1	944.2	939.2	934.7
5°	815.5	826.7	837.4	848.5	859.2	891.4	923.1	923.6	923.6	924.0	924.0
7.5°	646.5	656.0	665.5	674.5	684.0	705.0	726.1	733.9	741.3	739.7	738.0
10°	469.2	481.6	493.5	505.9	517.9	537.2	556.6	564.0	571.0	593.7	616.8
12.5°	402.4	414.4	426.3	437.9	449.8	469.6	489.4	503.8	517.9	531.9	545.9
15°	327.8	337.3	347.2	356.6	366.1	375.2	384.3	402.0	419.3	433.3	447.3
17.5°	249.4	253.6	257.3	261.4	265.1	269.2	273.4	280.8	287.8	300.2	312.1
20°	183.1	186.4	189.7	192.5	195.8	200.0	204.1	209.5	214.4	217.3	219.8
22.5°	149.7	154.6	159.6	164.1	169.0	171.9	174.8	176.5	178.1	179.4	180.6
25°	134.8	139.4	143.5	148.0	152.1	153.4	154.6	157.9	161.2	161.2	161.2
27.5°	117.9	124.1	130.7	136.9	143.1	144.7	146.0	147.2	148.0	146.4	144.3
30°	111.3	117.5	123.7	129.5	135.6	138.1	140.2	141.4	142.7	140.6	138.5
32.5°	108.4	114.2	119.6	125.3	130.7	134.0	136.9	140.2	143.1	143.5	144.3
35°	94.4	98.1	102.3	106.0	109.7	111.3	113.0	114.2	115.0	115.0	115.0
37.5°	80.8	85.8	91.1	96.1	101.0	104.7	108.4	108.8	108.8	109.7	110.9
40°	78.3	83.3	88.2	92.8	97.7	101.8	105.5	106.0	106.4	107.2	108.0
42.5°	75.0	80.4	85.8	91.1	96.5	100.6	104.3	104.3	103.9	105.1	106.0
45°	71.7	77.1	82.0	87.4	92.4	97.7	102.7	101.4	99.8	101.8	103.5
47.5°	67.2	73.0	78.8	84.1	89.9	94.8	99.4	98.5	97.3	99.4	101.4
50°	62.7	68.4	74.2	80.0	85.8	91.1	96.1	95.2	94.4	96.9	99.0
52.5°	58.1	63.9	70.1	75.9	81.6	86.2	90.3	89.9	89.5	91.9	94.8
55°	53.6	59.0	64.7	70.1	75.5	80.4	84.9	84.1	83.3	85.3	87.4
57.5°	48.7	54.0	59.0	64.3	69.3	73.4	77.1	75.9	74.6	77.1	79.6
60°	43.3	48.2	53.2	57.7	62.7	66.0	68.9	68.0	66.8	69.3	71.7
62.5°	38.3	42.9	47.4	51.5	56.1	58.5	61.0	60.2	59.4	61.8	64.7
65°	34.6	38.3	41.6	45.4	48.7	51.1	53.6	52.4	51.1	54.0	56.5
67.5°	30.9	33.8	37.1	40.0	42.9	44.9	47.0	46.2	44.9	47.0	49.1
70°	26.4	29.3	32.2	34.6	37.5	39.6	41.6	40.4	38.8	40.8	42.9
72.5°	22.3	24.7	27.2	29.3	31.7	33.4	35.0	33.8	32.6	34.2	35.9
75°	19.4	21.4	23.5	25.2	27.2	28.0	28.9	28.4	27.6	29.3	30.5
77.5°	15.7	17.3	19.4	21.0	22.7	22.7	22.7	23.1	23.1	24.7	26.8
80°	8.2	9.9	11.5	12.8	14.4	14.4	14.0	14.8	15.3	17.3	19.4
82.5°	0.0	1.2	2.5	3.7	4.9	4.5	3.7	4.1	4.1	4.9	5.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	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: P596641
 CATALOG NUMBER: MSA-SA2D-827-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: P596641
 CATALOG NUMBER: MSA-SA2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6
2.5°	929.7	924.8	921.5	918.6	915.3	912.0	916.1	920.3	924.0	928.1	940.5
5°	924.4	924.4	921.5	918.6	915.7	912.8	919.0	924.8	931.0	936.8	936.3
7.5°	736.0	734.3	751.6	768.5	785.9	802.8	807.3	811.8	815.9	820.5	819.2
10°	639.5	662.2	669.6	677.0	684.4	691.8	700.9	710.0	719.1	728.1	731.4
12.5°	559.9	573.9	597.8	621.3	645.3	668.8	680.7	693.1	705.0	717.0	740.5
15°	461.4	475.4	496.0	516.6	537.2	557.8	576.8	596.2	615.2	634.1	662.6
17.5°	324.5	336.4	352.1	367.8	383.0	398.7	428.0	457.2	486.5	515.8	545.9
20°	222.6	225.1	232.5	240.4	247.8	255.2	281.6	308.4	334.8	361.2	400.8
22.5°	181.4	182.7	186.4	190.1	193.4	197.1	210.7	224.7	238.3	251.9	284.1
25°	160.8	160.8	163.3	165.7	168.2	170.7	178.1	185.5	192.5	200.0	220.6
27.5°	142.7	140.6	144.3	148.0	151.7	155.4	160.8	166.6	171.9	177.3	191.3
30°	136.5	134.4	138.9	143.5	148.0	152.6	157.9	163.3	168.2	173.6	183.1
32.5°	144.7	145.1	146.8	148.4	149.7	151.3	153.8	156.7	159.1	161.6	169.9
35°	115.0	115.0	117.9	120.8	123.3	126.2	130.7	135.2	139.8	144.3	153.0
37.5°	111.7	112.6	115.0	117.9	120.4	122.9	128.6	134.8	140.6	146.4	153.4
40°	108.4	109.3	112.6	115.9	119.2	122.5	128.2	133.6	139.4	144.7	151.3
42.5°	107.2	108.0	112.1	116.7	120.8	124.9	129.9	134.8	139.4	144.3	153.4
45°	105.5	107.2	112.1	117.5	122.5	127.4	131.9	136.5	141.0	145.5	156.7
47.5°	103.1	105.1	110.9	116.3	122.0	127.4	136.1	145.1	153.8	162.4	167.8
50°	101.4	103.5	109.7	115.9	122.0	128.2	142.2	156.3	169.9	183.9	181.0
52.5°	97.3	99.8	107.6	115.4	123.3	131.1	143.5	155.9	168.2	180.6	174.8
55°	89.5	91.5	100.6	109.7	118.3	127.4	136.5	145.5	154.2	163.3	156.7
57.5°	81.6	84.1	92.8	101.4	109.7	118.3	122.9	127.4	131.9	136.5	134.0
60°	74.2	76.7	88.2	99.8	111.3	122.9	118.7	114.6	110.1	106.0	108.8
62.5°	67.2	69.7	80.8	91.5	102.7	113.4	107.6	101.8	96.1	90.3	94.8
65°	59.4	61.8	66.0	70.5	74.6	78.8	78.3	77.5	77.1	76.3	81.2
67.5°	51.1	53.2	55.2	57.7	59.8	61.8	63.1	64.7	66.0	67.2	71.3
70°	44.5	46.6	49.1	51.1	53.6	55.7	56.5	57.3	57.7	58.5	62.3
72.5°	37.1	38.8	42.1	45.4	48.2	51.5	52.0	52.0	52.4	52.4	55.2
75°	32.2	33.4	35.9	38.3	40.4	42.9	44.1	45.4	46.2	47.4	49.1
77.5°	28.4	30.1	30.9	31.3	32.2	32.6	33.4	34.2	35.0	35.9	36.3
80°	21.0	23.1	23.9	24.3	25.2	25.6	25.6	25.2	25.2	24.7	25.2
82.5°	6.6	7.4	8.7	9.9	11.1	12.4	12.8	13.2	13.2	13.6	13.2
85°	1.2	1.6	2.5	3.3	3.7	4.5	4.1	3.3	2.9	2.1	1.6
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: P596641
 CATALOG NUMBER: MSA-SA2D-827-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: P596641
 CATALOG NUMBER: MSA-SA2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6
2.5°	952.8	964.8	977.2	972.2	967.3	962.3	957.4	958.2	959.4	960.3	961.1
5°	935.9	935.1	934.7	948.7	963.1	977.2	991.2	1006.4	1022.1	1037.4	1052.6
7.5°	818.0	816.4	815.1	833.3	851.4	869.5	887.7	908.7	930.2	951.2	972.2
10°	734.7	738.0	741.3	748.7	756.6	764.0	771.4	791.6	811.8	831.6	851.8
12.5°	764.0	787.1	810.6	815.1	819.2	823.8	827.9	830.8	833.7	836.6	839.5
15°	691.4	719.9	748.3	760.3	771.8	783.8	795.3	825.8	855.9	886.5	916.6
17.5°	576.0	605.7	635.8	671.6	707.5	743.4	779.3	812.2	845.2	878.2	911.2
20°	440.8	480.3	519.9	565.3	611.0	656.4	701.7	734.7	767.3	800.3	832.9
22.5°	316.6	348.8	381.0	435.8	490.2	545.1	599.5	656.8	714.5	771.8	829.1
25°	241.2	261.4	282.0	336.0	390.0	443.6	497.7	576.4	655.2	733.9	812.7
27.5°	204.9	218.9	232.5	281.2	329.8	378.1	426.7	520.3	613.9	707.5	801.1
30°	193.0	202.4	211.9	253.2	294.8	336.0	377.3	472.1	566.9	661.7	756.6
32.5°	178.1	185.9	194.2	230.5	266.8	302.6	338.9	431.7	524.5	616.8	709.6
35°	161.2	169.9	178.1	214.4	250.7	286.6	322.8	418.9	515.0	611.0	707.1
37.5°	160.0	167.0	173.6	215.6	258.1	300.2	342.2	438.3	534.3	630.0	726.1
40°	158.3	164.9	171.5	214.4	256.9	299.7	342.2	442.8	543.4	644.0	744.6
42.5°	162.4	171.1	180.2	218.1	256.0	293.6	331.5	437.5	543.4	649.0	754.9
45°	168.2	179.4	190.5	225.1	259.8	294.4	329.0	444.1	559.1	673.7	788.7
47.5°	173.6	178.9	184.3	217.3	249.9	282.8	315.4	432.9	550.4	667.9	785.4
50°	178.5	175.6	172.8	209.0	245.3	281.2	317.5	429.6	541.4	653.5	765.2
52.5°	168.6	162.9	156.7	195.4	234.2	272.5	311.3	424.3	537.2	650.2	763.2
55°	150.1	143.5	136.9	175.2	213.2	251.5	289.4	402.0	514.6	627.1	739.7
57.5°	131.1	128.6	125.8	155.0	184.3	213.2	242.4	367.4	492.7	617.6	742.6
60°	111.7	114.2	117.1	138.1	159.1	179.8	200.8	323.2	445.3	567.7	689.8
62.5°	99.0	103.5	107.6	125.3	143.5	161.2	178.9	294.4	409.8	525.3	640.7
65°	86.6	91.5	96.5	117.5	138.9	160.0	181.0	278.7	376.4	474.1	571.9
67.5°	75.5	79.2	83.3	110.9	138.5	166.2	193.8	273.8	353.3	433.3	512.9
70°	66.0	69.3	73.0	105.1	137.3	169.5	201.6	269.6	338.1	406.1	474.1
72.5°	58.1	61.0	63.9	96.5	129.1	161.6	194.2	254.8	315.0	375.6	435.8
75°	50.7	52.0	53.6	81.2	108.4	136.1	163.3	203.7	244.5	284.9	325.3
77.5°	36.7	36.7	37.1	45.4	53.2	61.4	69.3	94.4	119.6	144.3	169.5
80°	25.2	25.6	25.6	28.9	31.7	35.0	37.9	43.3	48.2	53.6	58.5
82.5°	12.8	12.0	11.5	14.8	18.1	21.4	24.7	26.0	26.8	28.0	28.9
85°	1.2	0.4	0.0	2.1	4.1	6.2	8.2	9.9	11.5	13.2	14.8
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: P596641
 CATALOG NUMBER: MSA-SA2D-827-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: P596641

CATALOG NUMBER: MSA-SA2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6
2.5°	957.8	954.5	951.2	947.9	968.1	988.7	1008.9	1029.1	1086.4	1123.9	1119.8
5°	1067.5	1082.3	1097.1	1112.0	1135.9	1160.2	1184.1	1208.1	1293.0	1344.9	1352.4
7.5°	995.3	1018.0	1041.1	1063.7	1109.9	1155.7	1201.9	1247.6	1317.3	1371.3	1401.8
10°	877.8	903.8	929.3	955.3	1007.3	1059.6	1111.6	1163.5	1241.9	1316.5	1354.8
12.5°	880.3	921.1	961.9	1002.7	1048.1	1093.4	1138.4	1183.7	1231.6	1256.7	1310.7
15°	948.7	980.9	1013.0	1045.2	1104.6	1163.9	1222.9	1282.3	1310.7	1371.3	1434.4
17.5°	973.9	1036.9	1099.6	1162.3	1236.5	1310.3	1384.5	1458.3	1511.9	1596.0	1661.2
20°	927.3	1021.7	1115.7	1210.1	1312.0	1413.8	1515.6	1617.5	1676.0	1756.0	1856.6
22.5°	929.3	1029.5	1129.3	1229.5	1370.1	1510.3	1650.9	1791.0	1948.1	2102.3	2151.4
25°	943.8	1074.9	1205.6	1336.7	1499.1	1661.6	1824.0	1986.5	2176.1	2338.2	2403.3
27.5°	948.7	1096.3	1243.5	1391.1	1622.0	1852.9	2083.8	2314.7	2541.0	2724.1	2793.8
30°	936.8	1117.3	1297.5	1477.7	1760.9	2044.2	2327.5	2610.7	2825.5	3038.7	3125.3
32.5°	939.6	1169.7	1399.8	1629.8	1963.4	2297.4	2630.9	2964.5	3101.8	3293.9	3446.4
35°	959.4	1211.8	1463.7	1716.0	2085.0	2454.0	2823.0	3192.1	3417.2	3620.0	3749.5
37.5°	1005.6	1285.2	1564.3	1843.8	2297.4	2751.3	3204.8	3658.4	4006.8	4355.2	4414.5
40°	1039.8	1335.0	1630.2	1925.5	2452.0	2978.5	3505.0	4031.5	4425.7	4803.8	4844.2
42.5°	1078.6	1401.8	1725.5	2048.7	2637.5	3226.3	3815.0	4403.8	4860.2	5245.7	5272.5
45°	1121.1	1453.8	1786.1	2118.4	2735.2	3351.6	3968.4	4584.8	5117.9	5565.7	5464.7
47.5°	1141.3	1497.1	1852.9	2208.7	2870.0	3531.0	4192.3	4853.2	5331.5	5726.5	5608.6
50°	1156.9	1548.2	1939.9	2331.2	3024.7	3718.2	4411.7	5105.1	5584.7	5949.1	5764.4
52.5°	1201.0	1638.5	2076.4	2513.8	3251.4	3988.6	4726.2	5463.4	5927.3	6262.1	6003.1
55°	1243.9	1747.8	2252.0	2755.8	3549.1	4342.8	5136.1	5929.3	6391.1	6678.1	6326.4
57.5°	1297.9	1853.7	2409.1	2964.5	3813.0	4661.5	5509.6	6358.1	6809.6	7126.7	6761.4
60°	1283.9	1877.6	2471.8	3065.5	3929.7	4793.9	5658.0	6522.2	7058.6	7448.3	7200.5
62.5°	1229.5	1818.3	2406.6	2995.4	3844.3	4692.8	5541.8	6390.3	7033.1	7560.8	7477.5
65°	1119.4	1666.5	2214.1	2761.2	3571.8	4382.8	5193.4	6004.0	6797.2	7468.9	7498.6
67.5°	974.7	1436.5	1897.8	2359.6	3115.8	3871.9	4627.7	5383.9	6320.2	7103.6	7191.8
70°	821.3	1168.1	1515.2	1862.0	2527.4	3192.9	3857.9	4523.4	5496.8	6285.2	6451.7
72.5°	658.4	881.5	1104.1	1326.8	1807.1	2287.0	2767.4	3247.3	4103.7	4715.5	5006.2
75°	426.7	528.2	629.6	731.0	1051.0	1370.5	1690.4	2010.0	2578.5	3029.2	3357.8
77.5°	190.1	210.7	230.9	251.5	498.5	745.4	992.4	1239.4	1486.4	1758.5	1835.6
80°	68.0	77.1	86.6	95.7	216.9	338.5	459.7	580.9	700.5	841.1	875.3
82.5°	28.4	28.4	28.0	27.6	70.9	114.2	157.5	200.8	232.1	266.8	273.4
85°	11.5	8.7	5.4	2.1	9.1	16.5	23.5	30.5	49.1	44.5	82.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596641
 CATALOG NUMBER: MSA-SA2D-827-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: P596641

CATALOG NUMBER: MSA-SA2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6
2.5°	1104.1	1103.3	1102.5	1101.7	1100.9	1086.0	1071.6	1056.7	1042.3	1060.4	1078.6
5°	1340.4	1361.8	1383.3	1405.1	1426.6	1432.8	1438.9	1445.1	1451.3	1464.5	1477.7
7.5°	1427.4	1463.7	1499.5	1535.8	1571.7	1605.1	1638.1	1671.5	1704.9	1696.6	1688.4
10°	1397.3	1462.9	1528.4	1594.4	1659.9	1674.4	1688.8	1703.6	1718.1	1755.6	1793.1
12.5°	1364.7	1443.5	1522.2	1601.0	1679.7	1723.4	1766.7	1810.4	1854.1	1892.1	1930.0
15°	1519.3	1569.6	1619.9	1670.7	1721.0	1759.3	1797.2	1835.6	1873.5	1899.9	1925.9
17.5°	1722.6	1747.3	1772.1	1797.2	1822.0	1852.1	1882.2	1912.3	1942.4	1958.0	1973.7
20°	1937.4	1948.1	1958.9	1969.6	1980.3	1956.4	1932.5	1908.6	1884.6	1899.5	1913.9
22.5°	2153.1	2156.8	2160.9	2164.6	2168.3	2112.6	2057.0	2001.3	1945.7	1922.2	1898.7
25°	2485.0	2457.7	2430.5	2403.3	2376.1	2310.1	2244.2	2178.2	2112.2	2054.1	1996.0
27.5°	2844.5	2752.1	2660.2	2567.8	2475.9	2409.9	2343.9	2278.0	2212.0	2124.6	2037.2
30°	3206.9	3058.1	2909.6	2760.8	2612.4	2534.0	2455.7	2376.9	2298.6	2211.2	2124.2
32.5°	3539.2	3360.3	3181.3	3002.0	2823.0	2691.1	2559.2	2427.2	2295.3	2234.3	2173.3
35°	3814.6	3603.1	3391.6	3179.7	2968.2	2837.5	2706.8	2576.1	2445.4	2354.7	2264.4
37.5°	4285.5	4047.6	3809.7	3571.8	3333.9	3155.4	2977.2	2798.7	2620.2	2559.6	2499.0
40°	4719.6	4419.9	4120.2	3820.4	3520.7	3371.0	3221.7	3072.1	2922.8	2823.5	2724.5
42.5°	5064.7	4748.9	4433.5	4117.7	3801.9	3653.8	3506.2	3358.2	3210.2	3143.8	3077.8
45°	5139.4	4841.7	4544.4	4246.7	3949.0	3862.9	3777.1	3690.9	3605.2	3559.4	3514.1
47.5°	5286.6	4963.7	4641.3	4318.5	3995.6	3956.9	3918.1	3879.0	3840.2	3862.1	3883.9
50°	5369.0	5039.6	4710.2	4380.7	4051.3	4062.4	4073.1	4084.3	4095.4	4250.4	4405.1
52.5°	5529.0	5196.3	4863.5	4530.8	4198.1	4268.2	4337.8	4407.9	4477.6	4691.2	4904.4
55°	5814.7	5487.8	5160.8	4833.4	4506.5	4598.8	4691.2	4784.0	4876.3	5103.1	5329.4
57.5°	6238.2	5913.7	5589.6	5265.1	4941.0	5033.0	5124.9	5216.9	5308.8	5513.7	5718.2
60°	6771.3	6438.1	6105.4	5772.3	5439.5	5474.2	5508.4	5543.0	5577.6	5797.8	6017.6
62.5°	7186.5	6880.1	6574.2	6267.8	5961.9	5923.6	5885.6	5847.3	5809.4	5976.8	6143.7
65°	7282.9	7067.3	6852.1	6636.4	6420.8	6302.9	6185.4	6067.5	5949.5	6017.2	6084.8
67.5°	7006.7	6861.1	6716.0	6570.5	6424.9	6178.8	5932.6	5686.1	5439.9	5404.1	5368.2
70°	6365.6	6286.0	6206.8	6127.2	6048.1	5668.8	5289.9	4910.5	4531.6	4440.5	4349.4
72.5°	5023.1	5072.6	5122.1	5171.9	5221.4	4815.3	4409.6	4003.5	3597.4	3481.9	3366.9
75°	3542.1	3709.9	3877.7	4045.5	4213.3	3843.1	3473.2	3103.0	2732.8	2621.8	2511.3
77.5°	1920.5	2235.1	2549.7	2864.3	3178.9	2873.3	2568.2	2262.7	1957.2	1880.1	1803.4
80°	910.4	1091.8	1272.8	1454.2	1635.6	1566.8	1497.9	1428.6	1359.8	1376.7	1393.6
82.5°	279.1	410.2	541.4	672.5	803.6	813.9	823.8	834.1	844.4	870.0	895.1
85°	93.6	128.2	162.9	197.5	232.1	293.1	354.2	415.6	476.6	437.0	397.9
87.5°	0.0	1.2	2.1	3.3	4.1	12.8	21.4	30.1	38.8	33.4	28.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596641
 CATALOG NUMBER: MSA-SA2D-827-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: P596641

CATALOG NUMBER: MSA-SA2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6
2.5°	1097.1	1115.3	1115.7	1116.5	1116.9	1117.3	1119.4	1121.5	1123.9	1126.0	1112.4
5°	1491.3	1504.5	1480.2	1455.8	1431.1	1406.8	1428.6	1450.5	1472.3	1494.2	1484.7
7.5°	1679.7	1671.5	1668.6	1666.1	1663.2	1660.8	1669.0	1677.3	1685.5	1693.7	1692.9
10°	1830.6	1868.1	1877.2	1886.3	1895.8	1904.8	1885.9	1866.9	1847.9	1829.0	1821.1
12.5°	1967.9	2005.9	2036.0	2066.1	2096.6	2126.7	2099.5	2072.7	2045.4	2018.6	1993.1
15°	1952.3	1978.2	2003.0	2027.7	2052.4	2077.2	2068.1	2059.5	2050.4	2041.3	2037.2
17.5°	1989.8	2005.4	1999.7	1993.9	1987.7	1981.9	1979.1	1976.6	1973.7	1970.8	1960.9
20°	1928.8	1943.6	1939.9	1936.6	1932.9	1929.2	1926.7	1924.2	1921.7	1919.3	1911.4
22.5°	1875.2	1851.7	1845.5	1839.7	1833.5	1827.7	1828.6	1829.4	1829.8	1830.6	1866.1
25°	1937.8	1879.7	1857.0	1834.3	1811.3	1788.6	1798.9	1808.8	1819.1	1829.4	1880.5
27.5°	1949.4	1862.0	1825.7	1789.4	1753.1	1716.8	1753.9	1791.0	1828.2	1865.3	1948.1
30°	2036.8	1949.8	1899.1	1848.8	1798.1	1747.8	1795.2	1842.6	1890.0	1937.4	2027.3
32.5°	2111.8	2050.8	2014.5	1978.2	1942.0	1905.7	1907.7	1909.4	1911.4	1913.5	2040.1
35°	2173.7	2083.4	2050.4	2017.8	1984.8	1952.3	2001.3	2050.4	2099.5	2148.5	2262.3
37.5°	2438.4	2377.8	2317.1	2257.0	2196.3	2136.1	2175.3	2214.5	2254.1	2293.2	2419.0
40°	2625.1	2526.2	2510.5	2495.3	2479.6	2464.3	2484.5	2504.3	2524.5	2544.7	2654.8
42.5°	3011.5	2945.1	2902.6	2860.6	2818.1	2776.0	2792.1	2808.2	2824.7	2840.8	2945.1
45°	3468.3	3422.5	3394.5	3366.5	3338.0	3310.0	3285.6	3261.7	3237.4	3213.5	3319.5
47.5°	3905.8	3927.6	3989.5	4050.9	4112.7	4174.2	4123.9	4073.6	4022.8	3972.5	3973.0
50°	4560.1	4714.7	4746.0	4777.0	4808.3	4839.2	4732.0	4624.8	4517.2	4410.0	4397.2
52.5°	5117.9	5331.1	5342.2	5353.4	5364.9	5376.0	5332.7	5289.4	5245.7	5202.5	5087.4
55°	5556.2	5782.6	5797.8	5812.7	5827.9	5842.8	5804.8	5767.3	5729.4	5691.4	5575.2
57.5°	5923.2	6127.7	6136.7	6145.4	6154.5	6163.5	6166.4	6169.3	6172.6	6175.5	6018.4
60°	6237.7	6457.9	6439.8	6422.0	6403.9	6386.2	6359.0	6331.8	6304.5	6277.3	6175.9
62.5°	6311.1	6478.5	6450.5	6422.9	6394.8	6367.2	6344.1	6321.4	6298.4	6275.3	6210.5
65°	6152.4	6220.0	6191.2	6162.3	6133.0	6104.2	6089.3	6074.9	6060.0	6045.2	6037.0
67.5°	5331.9	5296.0	5330.3	5364.5	5398.7	5432.9	5479.5	5526.1	5573.1	5619.7	5592.5
70°	4257.9	4166.7	4204.7	4242.2	4280.1	4317.6	4388.2	4458.7	4529.6	4600.1	4581.1
72.5°	3251.4	3136.0	3141.3	3146.7	3152.5	3157.8	3155.8	3154.1	3152.1	3150.0	3183.0
75°	2400.4	2289.5	2237.2	2184.8	2132.4	2080.1	2067.3	2054.5	2041.7	2028.9	2090.4
77.5°	1726.3	1649.6	1613.8	1578.3	1542.4	1507.0	1525.1	1543.3	1561.8	1579.9	1601.4
80°	1410.9	1427.8	1400.2	1373.0	1345.3	1317.7	1338.3	1358.5	1379.2	1399.8	1335.9
82.5°	920.7	945.8	860.9	776.0	691.0	606.1	657.6	709.2	761.1	812.7	786.3
85°	358.3	319.1	272.1	225.5	178.5	131.5	171.1	210.7	250.3	289.8	316.2
87.5°	23.1	18.1	14.4	10.7	6.6	2.9	6.2	9.5	13.2	16.5	27.6
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



REPORT NUMBER: P596641
 CATALOG NUMBER: MSA-SA2D-827-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: P596641

CATALOG NUMBER: MSA-SA2D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6	871.6
2.5°	1099.2	1085.6	1072.4	1046.4	1020.5	994.5	968.5	1004.8	1041.1	1077.4	1113.6
5°	1475.6	1466.2	1457.1	1459.6	1462.0	1464.9	1467.4	1472.7	1478.1	1483.1	1488.4
7.5°	1692.5	1691.7	1690.9	1671.9	1652.9	1633.5	1614.6	1624.1	1633.5	1643.0	1652.5
10°	1813.7	1805.9	1798.1	1756.4	1714.8	1672.7	1631.1	1612.9	1594.4	1576.2	1558.1
12.5°	1967.5	1941.5	1916.0	1871.4	1827.3	1782.8	1738.3	1721.8	1704.9	1688.4	1671.5
15°	2033.5	2029.4	2025.6	1993.9	1961.7	1930.0	1897.8	1841.3	1784.5	1728.0	1671.5
17.5°	1951.0	1940.7	1930.8	1981.1	2031.0	2081.3	2131.6	2073.1	2014.5	1956.0	1897.4
20°	1903.6	1895.8	1887.9	1981.5	2074.7	2168.3	2261.5	2235.5	2209.1	2183.1	2157.2
22.5°	1901.5	1937.4	1972.9	2054.9	2136.6	2218.6	2300.2	2345.2	2390.5	2435.5	2480.4
25°	1931.6	1983.2	2034.3	2170.4	2306.4	2442.9	2579.0	2630.5	2681.6	2733.2	2784.3
27.5°	2030.6	2113.5	2195.9	2314.7	2433.4	2552.6	2671.3	2783.9	2896.8	3009.4	3122.0
30°	2116.8	2206.7	2296.5	2438.0	2579.0	2720.4	2861.4	3002.4	3143.4	3284.4	3425.4
32.5°	2166.7	2293.6	2420.2	2592.2	2763.7	2935.6	3107.5	3262.1	3416.8	3571.0	3725.6
35°	2376.1	2490.3	2604.1	2794.2	2984.3	3174.7	3364.8	3556.1	3747.4	3938.3	4129.6
37.5°	2544.7	2670.9	2796.7	3004.5	3211.8	3419.6	3627.4	3891.7	4156.4	4420.7	4685.0
40°	2764.9	2875.0	2985.1	3179.7	3373.9	3568.5	3763.1	4098.3	4433.5	4768.3	5103.5
42.5°	3049.0	3153.3	3257.6	3465.8	3674.0	3882.3	4090.5	4461.5	4832.6	5203.3	5574.3
45°	3425.4	3531.8	3637.8	3803.5	3969.2	4135.0	4300.7	4695.3	5089.5	5484.1	5878.2
47.5°	3973.4	3973.8	3974.2	4093.8	4213.3	4333.3	4452.9	4850.3	5247.4	5644.9	6041.9
50°	4384.4	4371.2	4358.5	4420.3	4481.7	4543.6	4605.4	4971.1	5337.3	5703.0	6068.7
52.5°	4972.8	4857.8	4743.1	4779.8	4816.1	4852.8	4889.1	5198.7	5508.8	5818.4	6128.1
55°	5459.3	5343.0	5226.8	5213.2	5199.6	5186.0	5172.4	5457.3	5742.2	6027.1	6312.0
57.5°	5861.7	5704.6	5548.0	5516.6	5485.7	5454.4	5423.0	5723.6	6023.8	6324.3	6624.5
60°	6074.9	5973.5	5872.0	5851.8	5831.2	5811.0	5790.4	6037.0	6283.5	6530.1	6776.6
62.5°	6146.2	6081.5	6017.2	6055.1	6093.0	6131.4	6169.3	6277.7	6385.8	6494.2	6602.2
65°	6029.1	6020.9	6012.6	6090.6	6168.1	6246.0	6323.9	6297.1	6269.9	6243.1	6216.3
67.5°	5565.7	5538.5	5511.7	5682.8	5853.5	6024.6	6195.7	6065.8	5935.5	5805.7	5675.8
70°	4562.1	4542.8	4523.8	4770.4	5016.9	5263.9	5510.4	5352.9	5195.4	5037.9	4880.4
72.5°	3215.6	3248.5	3281.5	3572.2	3862.5	4153.1	4443.4	4284.7	4125.9	3967.2	3808.5
75°	2151.4	2212.8	2274.3	2573.6	2872.9	3172.7	3472.0	3285.6	3099.3	2912.9	2726.6
77.5°	1622.8	1644.3	1665.7	1855.0	2044.2	2233.9	2423.1	2269.3	2115.1	1961.3	1807.1
80°	1272.0	1207.6	1143.7	1206.0	1268.2	1330.5	1392.8	1300.8	1208.9	1117.3	1025.4
82.5°	759.9	733.5	707.1	740.9	774.3	808.1	841.9	802.3	762.3	722.8	682.8
85°	342.2	368.6	394.6	428.8	462.6	496.8	531.0	475.8	420.5	365.3	310.1
87.5°	38.3	49.5	60.6	75.0	89.5	103.9	118.3	92.4	66.0	40.0	14.0
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



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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°	871.6	871.6
2.5°	1134.7	1155.7
5°	1488.0	1487.2
7.5°	1627.8	1602.6
10°	1535.0	1511.9
12.5°	1612.5	1553.6
15°	1627.0	1582.4
17.5°	1824.9	1751.9
20°	2063.6	1969.6
22.5°	2351.8	2222.7
25°	2630.9	2477.5
27.5°	3030.0	2937.7
30°	3332.2	3238.6
32.5°	3662.1	3598.6
35°	4066.6	4003.1
37.5°	4701.5	4717.6
40°	5113.4	5123.3
42.5°	5612.7	5651.0
45°	5921.1	5964.0
47.5°	6101.7	6161.5
50°	6165.2	6261.7
52.5°	6247.2	6366.0
55°	6444.3	6576.7
57.5°	6730.0	6835.6
60°	6781.6	6786.5
62.5°	6525.9	6449.7
65°	6135.1	6053.9
67.5°	5626.7	5577.2
70°	4815.3	4750.2
72.5°	3687.2	3566.0
75°	2576.5	2426.4
77.5°	1728.4	1649.6
80°	1027.9	1029.9
82.5°	701.7	720.3
85°	306.3	302.2
87.5°	9.9	5.4
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0

REPORT NUMBER: P596641
CATALOG NUMBER: MSA-SA2D-827-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)