

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: P596993

Luminaire Tested: **MSA-SA2D-835-U-SLR-HSS**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P596993
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-835-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: 8111 lumens
Efficiency: N/A
Efficacy: 62.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

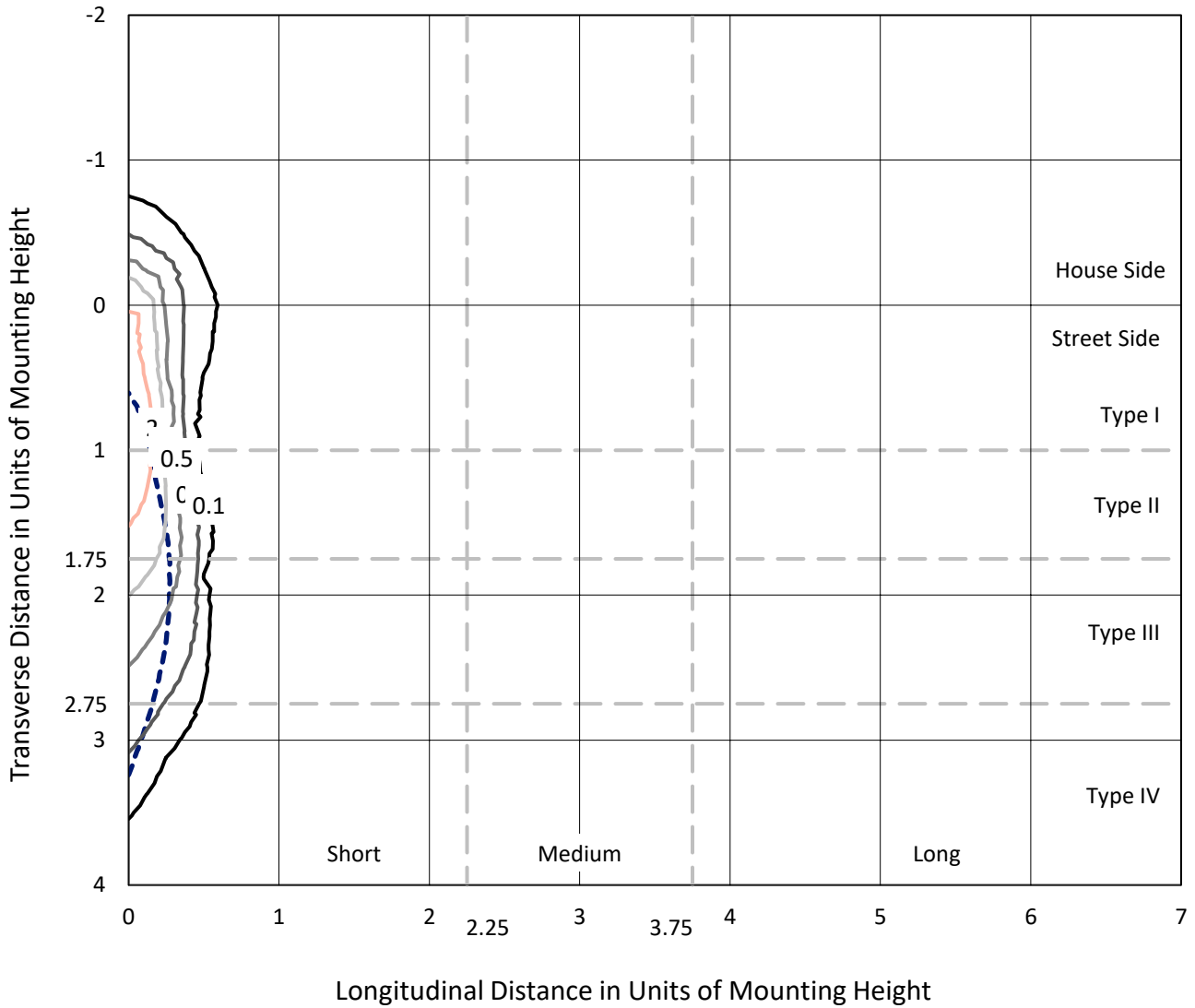
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

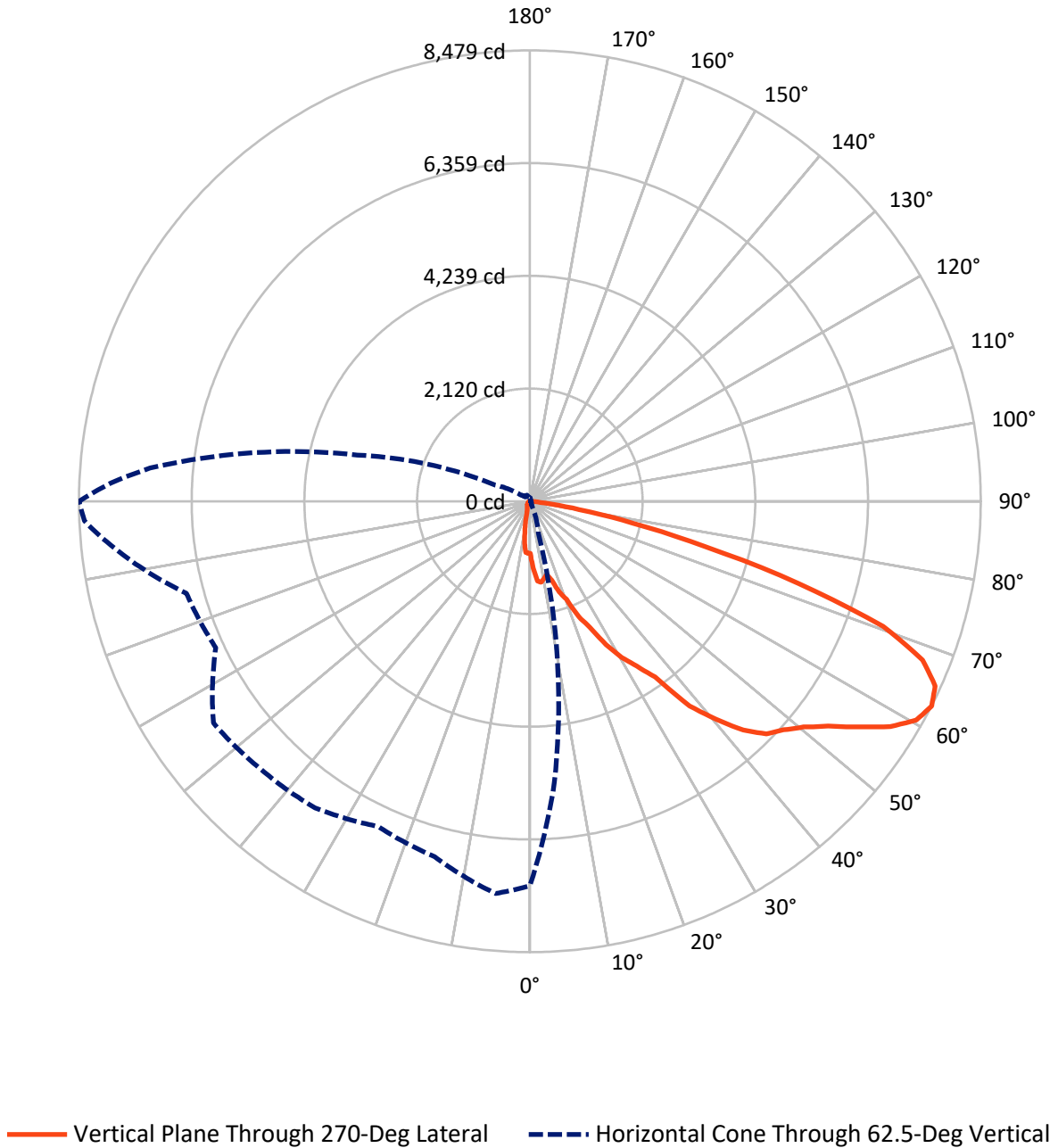
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.2 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	1354.4	0.0	1354.4
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	6756.6	0.0	6756.6
	% Fixture	83.3	0.0	83.3
Total	Lumens	8111.0	0.0	8111.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.2	1.3
10°-20°	285.3	3.5
20°-30°	461.1	5.7
30°-40°	772.2	9.5
40°-50°	1262.4	15.6
50°-60°	1868.8	23.0
60°-70°	2145.4	26.5
70°-80°	1060.8	13.1
80°-90°	145.7	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°	8111.0	100.0
0°-180°	8111.0	100.0

Coefficient of Utilization

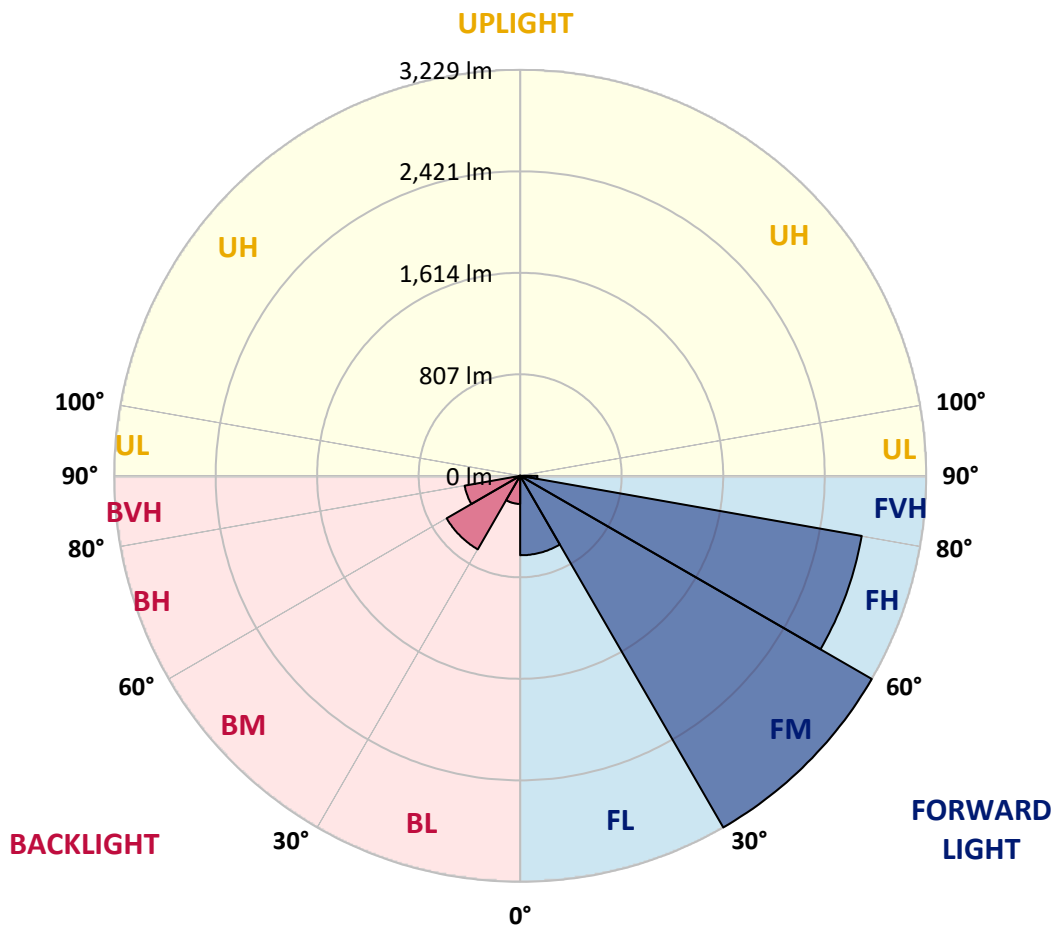


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	631.9	7.8			
FM (30°-60°)	3228.6	39.8			
FH (60°-80°)	2758.1	34.0			G2/5000
FVH (80°-90°)	138.0	1.7			G2/225
BL (0°-30°)	223.7	2.8	B1/500		
BM (30°-60°)	674.9	8.3	B1/1000		
BH (60°-80°)	448.1	5.5	B1/500		G1/500
BVH (80°-90°)	7.7	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°	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4
2.5°	1296.0	1312.2	1327.9	1297.8	1267.8	1237.7	1207.7	1180.8	1154.0	1126.8	1099.9
5°	1667.7	1638.1	1608.5	1567.8	1527.2	1486.5	1445.8	1426.8	1407.9	1388.9	1370.0
7.5°	1797.2	1744.5	1691.3	1655.2	1619.6	1583.6	1547.5	1490.6	1433.3	1376.4	1319.1
10°	1695.4	1639.5	1583.1	1551.7	1520.2	1488.8	1457.3	1386.6	1315.4	1244.7	1173.5
12.5°	1742.1	1681.6	1621.0	1556.3	1491.5	1426.8	1362.1	1308.0	1253.4	1199.3	1144.8
15°	1774.5	1705.2	1635.3	1561.4	1487.4	1413.4	1339.4	1275.6	1212.3	1148.5	1084.7
17.5°	1964.5	1865.1	1765.7	1652.0	1538.2	1424.5	1310.8	1236.8	1163.3	1089.3	1015.3
20°	2208.7	2067.6	1926.2	1772.2	1618.2	1464.3	1310.3	1218.3	1126.3	1034.3	942.3
22.5°	2492.5	2316.4	2139.8	1949.7	1760.2	1570.1	1380.1	1247.9	1115.7	983.4	851.2
25°	2778.3	2619.2	2460.2	2204.5	1948.8	1692.7	1437.0	1269.2	1100.9	933.0	764.7
27.5°	3294.3	3009.9	2725.6	2400.1	2075.0	1749.5	1424.0	1231.7	1039.4	846.6	654.2
30°	3631.8	3413.1	3193.9	2763.9	2334.4	1904.4	1474.4	1230.8	987.1	743.0	499.3
32.5°	4035.4	3715.5	3395.1	2928.5	2462.0	1995.5	1529.0	1242.8	956.1	669.9	383.3
35°	4489.0	4140.8	3792.7	3201.8	2610.9	2019.6	1428.7	1151.3	873.8	596.4	319.0
37.5°	5290.2	4707.7	4125.1	3436.2	2746.8	2057.9	1368.6	1091.6	814.2	537.3	259.8
40°	5745.2	5189.0	4632.8	3771.9	2911.0	2050.1	1189.2	943.2	697.7	451.7	205.7
42.5°	6337.0	5631.5	4925.4	3963.3	3001.1	2039.0	1076.8	849.3	621.9	393.9	166.4
45°	6687.9	5888.5	5089.1	4046.5	3003.9	1961.3	918.7	721.7	524.8	327.8	130.8
47.5°	6909.4	6107.7	5306.0	4186.6	3067.7	1948.4	829.0	647.8	466.5	285.3	104.0
50°	7021.7	6217.7	5413.2	4262.9	3112.6	1961.8	811.4	631.1	450.3	270.0	89.2
52.5°	7138.7	6363.4	5587.5	4395.1	3202.7	2010.3	817.9	633.9	450.3	266.3	82.3
55°	7375.0	6610.3	5845.1	4584.7	3324.3	2063.9	803.6	622.3	441.1	259.4	78.1
57.5°	7665.3	6847.9	6030.0	4723.4	3416.8	2110.2	803.6	621.4	439.2	256.6	74.4
60°	7610.3	6723.1	5835.4	4567.6	3299.8	2031.6	763.8	590.4	417.5	244.1	70.7
62.5°	7232.6	6269.5	5306.0	4134.4	2962.3	1790.7	618.6	480.4	342.1	203.4	65.2
65°	6788.7	5766.5	4743.7	3665.5	2586.9	1508.7	430.0	337.5	244.6	152.1	59.2
67.5°	6254.2	5164.0	4073.8	3114.9	2156.4	1197.5	238.6	192.3	146.1	99.4	53.2
70°	5326.8	4201.4	3075.6	2338.6	1602.1	865.1	128.1	108.2	88.3	68.4	48.5
72.5°	3998.9	2967.8	1936.8	1471.2	1006.1	540.5	74.9	67.5	59.6	52.2	44.4
75°	2720.9	1948.4	1175.8	895.1	614.9	334.3	53.6	49.9	45.8	42.1	37.9
77.5°	1849.9	1338.0	826.2	630.6	435.1	239.5	43.9	41.6	39.3	36.5	34.2
80°	1155.0	790.6	426.3	328.3	229.8	131.8	33.3	31.9	30.5	28.7	27.3
82.5°	807.7	483.2	158.6	123.9	89.2	54.1	19.4	19.9	20.3	20.3	20.8
85°	338.9	183.1	27.3	23.1	19.0	14.8	10.6	11.6	12.9	13.9	14.8
87.5°	6.0	3.2	0.0	0.9	2.3	3.2	4.2	5.5	6.5	7.9	8.8
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°	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4
2.5°	1106.9	1113.8	1120.3	1127.2	1121.7	1116.6	1111.0	1105.5	1097.2	1089.3	1081.0
5°	1346.8	1323.7	1300.6	1277.5	1242.3	1207.2	1171.6	1136.5	1132.3	1128.1	1123.5
7.5°	1265.0	1210.9	1156.3	1102.2	1051.4	1000.5	949.7	898.8	883.1	867.8	852.1
10°	1131.8	1090.2	1048.2	1006.5	970.0	933.0	896.5	859.5	821.1	782.8	743.9
12.5°	1101.3	1057.9	1013.9	970.5	937.2	903.9	870.6	837.3	794.3	751.3	708.3
15°	1037.5	990.4	943.2	896.0	851.7	807.3	762.4	718.0	666.3	614.5	562.7
17.5°	959.4	903.9	848.0	792.0	733.8	675.5	617.2	559.0	499.3	440.2	380.5
20°	866.4	790.6	714.3	638.5	566.4	494.3	421.7	349.5	312.1	275.1	237.6
22.5°	753.2	654.7	556.7	458.2	399.0	339.4	280.2	220.5	204.4	188.2	172.0
25°	653.3	541.9	430.5	319.0	281.6	244.1	206.7	169.2	161.8	154.0	146.6
27.5°	549.3	444.8	339.8	234.9	213.6	191.9	170.6	148.9	143.8	139.2	134.1
30°	421.2	343.1	264.5	186.3	172.5	158.6	144.3	130.4	128.1	125.3	123.0
32.5°	326.4	269.1	212.2	154.9	147.0	139.2	131.3	123.4	119.7	116.1	111.9
35°	272.8	227.0	180.8	134.5	129.0	123.0	117.4	111.4	107.7	103.6	99.9
37.5°	226.1	192.8	159.0	125.3	119.3	113.3	106.8	100.8	98.0	95.2	92.5
40°	186.3	166.9	147.5	128.1	119.3	110.5	101.7	92.9	90.6	88.3	86.0
42.5°	154.0	141.5	128.5	116.1	109.6	103.6	97.1	90.6	87.4	83.7	80.4
45°	124.4	117.4	111.0	104.0	104.5	105.0	105.0	105.4	97.1	88.3	80.0
47.5°	100.8	97.6	93.9	90.6	94.3	98.0	101.3	105.0	96.2	87.4	78.1
50°	86.5	84.1	81.4	78.6	82.3	86.5	90.2	93.9	90.2	86.9	83.2
52.5°	79.1	75.8	72.6	69.4	70.7	72.6	74.0	75.4	75.4	75.4	75.4
55°	74.4	71.2	67.5	63.8	62.4	60.6	59.2	57.3	55.0	53.2	50.9
57.5°	70.7	67.0	62.9	59.2	56.9	54.1	51.8	49.0	46.7	43.9	41.6
60°	67.0	63.3	59.2	55.5	53.2	50.9	48.1	45.8	43.0	40.7	37.9
62.5°	62.0	58.7	55.5	52.2	49.9	48.1	45.8	43.5	40.7	37.9	34.7
65°	56.4	54.1	51.3	48.5	46.2	43.9	41.6	39.3	36.5	34.2	31.4
67.5°	51.3	49.0	47.2	44.8	42.1	39.8	37.0	34.2	32.4	30.5	28.2
70°	47.2	45.3	43.9	42.1	39.3	37.0	34.2	31.4	30.1	28.2	26.8
72.5°	43.0	41.6	39.8	38.4	36.1	33.8	31.4	29.1	27.7	26.4	25.0
75°	37.0	36.1	35.1	34.2	31.9	29.6	26.8	24.5	24.0	23.6	23.1
77.5°	33.3	32.8	31.9	31.0	28.7	26.4	24.0	21.7	22.2	22.7	22.7
80°	27.3	27.3	26.8	26.8	25.0	23.1	20.8	19.0	19.9	21.3	22.2
82.5°	20.8	20.8	20.8	20.8	19.0	17.1	15.3	13.4	14.8	15.7	17.1
85°	14.3	13.9	13.4	12.9	11.6	10.6	9.2	7.9	9.7	11.1	12.9
87.5°	8.8	9.2	9.2	9.2	8.3	6.9	6.0	4.6	5.5	6.0	6.9
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-SA2D-835-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: P596993
 CATALOG NUMBER: MSA-SA2D-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4
2.5°	1072.7	1058.8	1044.9	1030.6	1016.7	984.3	952.0	919.6	887.3	911.3	934.9
5°	1119.4	1092.5	1065.3	1038.4	1011.2	999.1	987.6	975.6	963.5	965.4	967.7
7.5°	836.4	818.8	801.3	783.2	765.7	762.0	758.7	755.0	751.3	759.2	766.6
10°	705.6	681.0	656.1	631.6	606.6	593.2	579.8	566.4	553.0	551.6	549.7
12.5°	665.3	627.9	590.9	553.4	516.0	486.9	457.7	428.6	399.5	401.8	404.1
15°	510.9	473.4	436.5	399.0	361.6	338.0	313.9	290.4	266.3	259.4	252.4
17.5°	320.9	293.1	265.4	237.2	209.4	201.6	194.2	186.3	178.5	176.2	173.8
20°	200.2	188.2	176.2	163.7	151.7	149.8	148.0	146.1	144.3	145.6	147.0
22.5°	155.8	150.7	145.2	140.1	134.5	132.7	130.8	129.0	127.1	128.5	129.5
25°	138.7	135.0	131.3	127.6	123.9	122.1	119.7	117.9	115.6	116.5	117.9
27.5°	129.0	125.8	122.5	119.3	116.1	112.8	110.0	106.8	103.6	105.4	106.8
30°	120.2	116.5	113.3	109.6	105.9	102.6	99.4	95.7	92.5	94.3	96.2
32.5°	108.2	105.0	101.3	98.0	94.3	92.5	90.6	88.3	86.5	87.8	88.8
35°	95.7	92.9	90.6	87.8	85.1	83.2	81.8	80.0	78.1	78.6	79.5
37.5°	89.7	86.5	83.2	80.0	76.8	75.8	74.9	73.5	72.6	72.6	72.6
40°	83.7	80.4	77.2	73.5	70.3	68.9	67.5	66.1	64.7	64.7	64.7
42.5°	76.8	73.5	70.3	67.0	63.8	62.4	60.6	59.2	57.3	57.3	57.3
45°	71.2	68.0	65.2	62.0	58.7	56.4	54.1	51.3	49.0	48.5	48.1
47.5°	69.4	64.7	60.1	55.5	50.9	48.5	46.2	43.5	41.1	40.7	40.2
50°	79.5	70.3	61.0	51.8	42.5	40.7	38.8	37.0	35.1	34.2	33.8
52.5°	75.4	65.7	55.9	46.2	36.5	35.1	33.8	32.4	31.0	30.1	29.1
55°	48.5	44.4	40.7	36.5	32.4	31.4	30.5	29.1	28.2	27.3	26.4
57.5°	38.8	36.5	34.7	32.4	30.1	29.1	28.2	26.8	25.9	24.5	23.6
60°	35.1	33.3	31.4	29.6	27.7	26.8	25.9	25.0	24.0	22.7	21.7
62.5°	31.9	30.5	29.1	27.7	26.4	25.4	24.5	23.6	22.7	21.3	19.9
65°	28.7	27.7	26.8	25.9	25.0	24.0	23.1	21.7	20.8	19.4	18.0
67.5°	26.4	25.9	25.4	25.0	24.5	23.6	22.2	21.3	19.9	18.5	16.6
70°	25.0	25.0	25.0	24.5	24.5	23.6	22.2	21.3	19.9	18.0	16.6
72.5°	23.6	24.0	24.5	24.5	25.0	23.6	22.2	20.8	19.4	17.6	16.2
75°	22.7	23.1	23.6	23.6	24.0	23.1	22.2	20.8	19.9	18.0	16.2
77.5°	23.1	23.6	23.6	24.0	24.0	23.1	22.2	20.8	19.9	17.6	15.3
80°	23.1	22.7	22.2	21.3	20.8	19.0	17.1	14.8	12.9	10.2	7.9
82.5°	18.0	17.1	16.6	15.7	14.8	12.9	11.1	9.2	7.4	5.5	3.7
85°	14.3	13.4	12.9	12.0	11.1	9.7	7.9	6.5	4.6	3.7	2.3
87.5°	7.4	6.9	6.0	5.5	4.6	3.7	2.3	1.4	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: P596993
 CATALOG NUMBER: MSA-SA2D-835-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: P596993
 CATALOG NUMBER: MSA-SA2D-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4
2.5°	958.9	982.5	979.3	976.0	991.3	1006.5	995.4	984.8	973.7	962.6	939.5
5°	969.6	971.4	968.2	964.5	964.9	965.4	958.0	950.6	943.2	935.8	934.4
7.5°	774.4	781.8	792.0	801.7	802.2	802.2	796.6	791.1	785.1	779.5	782.3
10°	548.4	546.5	549.3	552.0	551.6	550.7	565.5	580.3	594.6	609.4	598.7
12.5°	405.9	408.3	396.7	385.1	389.3	393.0	395.3	397.6	399.9	402.2	408.7
15°	245.5	238.6	230.3	221.9	226.1	229.8	234.0	237.6	241.8	245.5	249.7
17.5°	171.1	168.8	165.1	160.9	161.4	161.8	162.3	162.7	162.7	163.2	164.1
20°	148.4	149.8	147.0	143.8	142.9	141.5	140.6	139.6	138.2	137.3	135.9
22.5°	130.8	131.8	132.2	132.2	130.4	128.1	126.2	124.8	123.0	121.1	120.2
25°	118.8	119.7	118.8	117.4	116.5	115.6	114.7	113.3	112.4	111.0	110.5
27.5°	108.7	110.0	110.0	109.6	108.7	107.3	105.0	103.1	100.8	98.5	98.9
30°	98.0	99.9	99.9	99.4	98.9	98.5	96.2	93.9	91.5	89.2	90.2
32.5°	90.2	91.1	90.6	90.2	90.2	89.7	87.8	86.5	84.6	82.8	82.8
35°	80.0	80.4	80.4	80.4	80.4	80.0	78.6	77.2	75.8	74.4	74.9
37.5°	72.6	72.6	74.0	74.9	74.0	73.1	72.1	70.7	69.8	68.4	68.4
40°	64.3	64.3	65.7	66.6	65.7	64.7	64.3	63.3	62.9	62.0	62.0
42.5°	56.9	56.9	58.3	59.2	59.2	58.7	57.8	56.9	55.9	55.0	55.5
45°	47.6	47.2	49.5	51.3	50.4	49.5	49.5	49.0	49.0	48.5	49.0
47.5°	39.3	38.8	40.7	42.5	42.1	41.1	41.1	41.1	41.1	41.1	41.6
50°	32.8	31.9	33.8	35.1	34.7	33.8	33.8	34.2	34.2	34.2	34.7
52.5°	28.2	27.3	28.7	29.6	29.1	28.7	28.7	29.1	29.1	29.1	29.6
55°	25.0	24.0	25.4	26.4	25.9	25.0	25.4	25.4	25.9	25.9	25.9
57.5°	22.2	20.8	21.7	22.7	22.7	22.2	22.7	22.7	23.1	23.1	23.1
60°	20.3	19.0	19.9	20.3	20.3	19.9	20.3	20.3	20.8	20.8	20.8
62.5°	18.0	16.6	17.6	18.0	18.0	17.6	18.0	18.0	18.5	18.5	18.5
65°	16.2	14.8	15.3	15.7	15.7	15.7	16.2	16.2	16.6	16.6	16.6
67.5°	15.3	13.4	13.9	14.3	14.3	14.3	14.8	14.8	15.3	15.3	15.7
70°	14.8	12.9	13.4	13.4	13.9	13.9	13.9	14.3	14.3	14.3	14.3
72.5°	14.3	12.5	12.5	12.5	12.9	12.9	12.9	13.4	13.4	13.4	13.4
75°	14.3	12.5	12.0	11.6	12.0	12.0	12.0	12.5	12.5	12.5	12.5
77.5°	12.5	10.2	9.2	7.9	9.2	10.2	10.6	10.6	11.1	11.1	11.1
80°	5.1	2.3	1.4	0.0	0.5	0.9	1.4	1.8	2.3	2.8	3.2
82.5°	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.4	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: P596993
 CATALOG NUMBER: MSA-SA2D-835-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: P596993
 CATALOG NUMBER: MSA-SA2D-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4
2.5°	916.4	893.3	870.1	881.2	892.3	903.4	914.5	913.6	912.2	911.3	909.9
5°	933.5	932.1	930.7	924.2	918.2	911.8	905.3	903.9	902.1	900.7	898.8
7.5°	785.1	787.4	790.2	782.8	775.4	768.0	760.6	741.6	722.7	703.2	684.3
10°	588.1	577.0	566.4	565.5	564.5	563.6	562.7	560.8	559.0	556.7	554.8
12.5°	415.7	422.1	428.6	426.3	424.0	421.2	418.9	422.1	425.8	429.1	432.3
15°	253.4	257.5	261.2	269.6	277.9	286.2	294.5	297.8	301.5	304.7	307.9
17.5°	165.1	165.5	166.4	175.7	184.5	193.7	202.5	208.5	214.5	220.1	226.1
20°	134.5	133.2	131.8	136.9	141.9	147.0	152.1	157.7	163.2	168.8	174.3
22.5°	119.7	118.8	117.9	119.7	121.6	123.0	124.8	129.0	133.6	137.8	141.9
25°	110.0	109.1	108.7	109.6	110.5	111.4	112.4	114.7	117.0	119.3	121.6
27.5°	98.9	99.4	99.4	100.3	100.8	101.7	102.2	103.1	104.5	105.4	106.3
30°	90.6	91.5	92.0	92.9	93.4	94.3	94.8	94.3	93.9	93.4	92.9
32.5°	82.8	82.3	82.3	83.2	83.7	84.6	85.1	86.0	86.9	87.4	88.3
35°	74.9	75.4	75.4	75.4	75.8	75.8	75.8	76.8	78.1	79.1	80.0
37.5°	68.0	68.0	67.5	68.9	69.8	71.2	72.1	73.1	74.4	75.4	76.3
40°	62.0	62.0	62.0	62.9	63.8	64.3	65.2	67.5	69.8	72.1	74.4
42.5°	55.5	55.9	55.9	56.9	57.8	58.3	59.2	61.0	62.4	64.3	65.7
45°	49.5	49.9	50.4	51.3	51.8	52.7	53.2	54.1	54.6	55.5	55.9
47.5°	42.5	43.0	43.5	44.4	44.8	45.8	46.2	45.8	45.8	45.3	44.8
50°	35.6	36.1	36.5	37.9	38.8	40.2	41.1	40.2	39.3	37.9	37.0
52.5°	30.1	30.1	30.5	31.4	32.4	32.8	33.8	33.3	32.8	32.4	31.9
55°	25.9	25.9	25.9	26.4	26.8	27.3	27.7	28.2	28.2	28.7	28.7
57.5°	23.1	22.7	22.7	23.1	23.6	23.6	24.0	24.5	24.5	25.0	25.0
60°	20.8	20.3	20.3	20.8	21.3	21.7	22.2	22.2	22.2	21.7	21.7
62.5°	18.5	18.5	18.5	19.0	19.0	19.4	19.4	19.4	19.9	19.9	19.9
65°	17.1	17.1	17.1	17.1	17.1	16.6	16.6	17.1	17.1	17.6	17.6
67.5°	15.7	16.2	16.2	15.7	15.3	14.8	14.3	14.8	14.8	15.3	15.3
70°	14.3	14.3	14.3	13.9	13.4	12.9	12.5	12.5	12.5	12.0	12.0
72.5°	13.4	12.9	12.9	12.5	11.6	11.1	10.2	9.7	9.7	9.2	8.8
75°	12.5	12.0	12.0	11.1	10.2	9.2	8.3	7.9	6.9	6.5	5.5
77.5°	11.1	11.1	11.1	9.7	8.8	7.4	6.0	5.1	4.2	2.8	1.8
80°	3.7	4.2	4.6	4.2	4.2	3.7	3.2	2.3	1.8	0.9	0.0
82.5°	0.5	0.5	0.5	0.5	0.5	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: P596993
 CATALOG NUMBER: MSA-SA2D-835-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: P596993
 CATALOG NUMBER: MSA-SA2D-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4
2.5°	915.0	920.1	925.2	930.3	930.7	931.2	931.6	932.1	920.5	908.5	897.0
5°	908.1	917.8	927.0	936.3	931.2	926.1	921.0	915.9	915.5	915.5	915.0
7.5°	685.7	686.6	688.0	688.9	690.8	692.6	694.0	695.8	703.2	710.6	717.6
10°	548.8	542.8	536.3	530.3	525.7	520.6	516.0	510.9	514.6	518.8	522.5
12.5°	427.2	422.1	416.6	411.5	409.6	407.8	405.5	403.6	415.7	427.7	439.2
15°	307.0	306.1	304.7	303.8	309.8	315.8	321.8	327.8	338.0	347.7	357.9
17.5°	228.4	230.7	233.0	235.3	239.0	242.7	246.0	249.7	257.1	264.9	272.3
20°	177.1	180.3	183.1	185.9	184.9	184.0	182.6	181.7	187.7	193.7	199.3
22.5°	144.7	147.0	149.8	152.1	152.6	153.0	153.5	154.0	157.7	160.9	164.6
25°	123.9	126.7	129.0	131.3	131.8	132.2	132.7	133.2	137.8	142.4	146.6
27.5°	109.6	112.4	115.6	118.4	119.3	120.2	121.1	122.1	124.8	127.1	129.9
30°	96.6	100.3	104.0	107.7	109.1	110.5	111.9	113.3	116.1	119.3	122.1
32.5°	90.2	92.5	94.3	96.2	99.4	102.2	105.4	108.2	111.4	115.1	118.4
35°	82.8	85.1	87.8	90.2	92.5	94.8	96.6	98.9	100.8	102.6	104.0
37.5°	78.1	80.4	82.3	84.1	85.1	86.0	86.5	87.4	88.3	89.2	89.7
40°	74.4	74.0	74.0	73.5	74.4	75.8	76.8	77.7	80.4	82.8	85.5
42.5°	64.7	63.3	62.4	61.0	63.3	65.2	67.5	69.4	73.1	76.8	80.4
45°	55.0	54.1	52.7	51.8	55.0	58.3	61.5	64.7	68.9	72.6	76.8
47.5°	45.3	45.8	45.8	46.2	49.5	52.7	55.5	58.7	62.9	67.0	71.2
50°	37.9	38.8	39.8	40.7	43.9	46.7	49.9	52.7	57.3	61.5	66.1
52.5°	33.3	34.7	35.6	37.0	39.8	43.0	45.8	48.5	52.7	56.9	61.0
55°	30.1	31.9	33.3	34.7	37.0	39.3	41.6	43.9	48.1	52.2	55.9
57.5°	26.4	27.7	29.1	30.5	32.8	35.1	37.0	39.3	43.0	47.2	50.9
60°	23.1	24.0	25.4	26.4	28.2	30.5	32.4	34.2	37.9	41.6	44.8
62.5°	20.3	21.3	21.7	22.2	24.0	25.9	27.7	29.6	32.8	36.5	39.8
65°	18.0	18.5	18.5	19.0	20.3	22.2	23.6	25.0	28.7	31.9	35.6
67.5°	15.3	15.7	15.7	15.7	17.1	18.5	19.9	21.3	24.5	28.2	31.4
70°	12.0	12.5	12.5	12.5	13.9	15.7	17.1	18.5	21.3	24.0	26.8
72.5°	9.2	9.2	9.7	9.7	11.1	12.9	14.3	15.7	18.0	20.3	22.7
75°	6.0	6.5	6.5	6.9	8.3	10.2	11.6	12.9	15.3	17.6	19.4
77.5°	2.3	3.2	3.7	4.2	5.5	6.9	8.3	9.7	11.6	13.9	15.7
80°	0.0	0.5	0.5	0.5	1.4	1.8	2.8	3.2	4.6	6.5	7.9
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: P596993
 CATALOG NUMBER: MSA-SA2D-835-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: P596993
 CATALOG NUMBER: MSA-SA2D-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4
2.5°	884.9	910.4	935.8	961.2	986.7	1018.1	1049.5	1054.2	1058.8	1053.2	1048.2
5°	914.5	927.0	939.0	951.5	963.5	999.6	1035.2	1035.7	1035.7	1036.1	1036.1
7.5°	725.0	735.6	746.2	756.4	767.0	790.6	814.2	823.0	831.3	829.5	827.6
10°	526.2	540.0	553.4	567.3	580.7	602.4	624.2	632.5	640.4	665.8	691.7
12.5°	451.3	464.7	478.1	491.0	504.4	526.6	548.8	565.0	580.7	596.4	612.2
15°	367.6	378.2	389.3	399.9	410.6	420.7	430.9	450.8	470.2	485.9	501.7
17.5°	279.7	284.3	288.5	293.1	297.3	301.9	306.5	314.9	322.7	336.6	350.0
20°	205.3	209.0	212.7	215.9	219.6	224.2	228.9	234.9	240.4	243.7	246.4
22.5°	167.8	173.4	178.9	184.0	189.6	192.8	196.0	197.9	199.7	201.1	202.5
25°	151.2	156.3	160.9	166.0	170.6	172.0	173.4	177.1	180.8	180.8	180.8
27.5°	132.2	139.2	146.6	153.5	160.4	162.3	163.7	165.1	166.0	164.1	161.8
30°	124.8	131.8	138.7	145.2	152.1	154.9	157.2	158.6	160.0	157.7	155.4
32.5°	121.6	128.1	134.1	140.6	146.6	150.3	153.5	157.2	160.4	160.9	161.8
35°	105.9	110.0	114.7	118.8	123.0	124.8	126.7	128.1	129.0	129.0	129.0
37.5°	90.6	96.2	102.2	107.7	113.3	117.4	121.6	122.1	122.1	123.0	124.4
40°	87.8	93.4	98.9	104.0	109.6	114.2	118.4	118.8	119.3	120.2	121.1
42.5°	84.1	90.2	96.2	102.2	108.2	112.8	117.0	117.0	116.5	117.9	118.8
45°	80.4	86.5	92.0	98.0	103.6	109.6	115.1	113.7	111.9	114.2	116.1
47.5°	75.4	81.8	88.3	94.3	100.8	106.3	111.4	110.5	109.1	111.4	113.7
50°	70.3	76.8	83.2	89.7	96.2	102.2	107.7	106.8	105.9	108.7	111.0
52.5°	65.2	71.7	78.6	85.1	91.5	96.6	101.3	100.8	100.3	103.1	106.3
55°	60.1	66.1	72.6	78.6	84.6	90.2	95.2	94.3	93.4	95.7	98.0
57.5°	54.6	60.6	66.1	72.1	77.7	82.3	86.5	85.1	83.7	86.5	89.2
60°	48.5	54.1	59.6	64.7	70.3	74.0	77.2	76.3	74.9	77.7	80.4
62.5°	43.0	48.1	53.2	57.8	62.9	65.7	68.4	67.5	66.6	69.4	72.6
65°	38.8	43.0	46.7	50.9	54.6	57.3	60.1	58.7	57.3	60.6	63.3
67.5°	34.7	37.9	41.6	44.8	48.1	50.4	52.7	51.8	50.4	52.7	55.0
70°	29.6	32.8	36.1	38.8	42.1	44.4	46.7	45.3	43.5	45.8	48.1
72.5°	25.0	27.7	30.5	32.8	35.6	37.5	39.3	37.9	36.5	38.4	40.2
75°	21.7	24.0	26.4	28.2	30.5	31.4	32.4	31.9	31.0	32.8	34.2
77.5°	17.6	19.4	21.7	23.6	25.4	25.4	25.4	25.9	25.9	27.7	30.1
80°	9.2	11.1	12.9	14.3	16.2	16.2	15.7	16.6	17.1	19.4	21.7
82.5°	0.0	1.4	2.8	4.2	5.5	5.1	4.2	4.6	4.6	5.5	6.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.9
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: P596993
 CATALOG NUMBER: MSA-SA2D-835-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: P596993

CATALOG NUMBER: MSA-SA2D-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4
2.5°	1042.6	1037.1	1033.4	1030.1	1026.4	1022.7	1027.3	1032.0	1036.1	1040.8	1054.6
5°	1036.6	1036.6	1033.4	1030.1	1026.9	1023.6	1030.6	1037.1	1044.0	1050.5	1050.0
7.5°	825.3	823.5	842.9	861.8	881.2	900.2	905.3	910.4	915.0	920.1	918.7
10°	717.1	742.5	750.9	759.2	767.5	775.8	786.0	796.2	806.3	816.5	820.2
12.5°	627.9	643.6	670.4	696.8	723.6	749.9	763.3	777.2	790.6	804.0	830.4
15°	517.4	533.1	556.2	579.3	602.4	625.6	646.8	668.6	689.8	711.1	743.0
17.5°	363.9	377.3	394.8	412.4	429.5	447.1	479.9	512.7	545.6	578.4	612.2
20°	249.7	252.4	260.8	269.6	277.9	286.2	315.8	345.8	375.4	405.0	449.4
22.5°	203.4	204.8	209.0	213.1	216.8	221.0	236.3	252.0	267.2	282.5	318.6
25°	180.3	180.3	183.1	185.9	188.6	191.4	199.7	208.1	215.9	224.2	247.4
27.5°	160.0	157.7	161.8	166.0	170.1	174.3	180.3	186.8	192.8	198.8	214.5
30°	153.0	150.7	155.8	160.9	166.0	171.1	177.1	183.1	188.6	194.7	205.3
32.5°	162.3	162.7	164.6	166.4	167.8	169.7	172.5	175.7	178.5	181.2	190.5
35°	129.0	129.0	132.2	135.5	138.2	141.5	146.6	151.7	156.7	161.8	171.5
37.5°	125.3	126.2	129.0	132.2	135.0	137.8	144.3	151.2	157.7	164.1	172.0
40°	121.6	122.5	126.2	129.9	133.6	137.3	143.8	149.8	156.3	162.3	169.7
42.5°	120.2	121.1	125.8	130.8	135.5	140.1	145.6	151.2	156.3	161.8	172.0
45°	118.4	120.2	125.8	131.8	137.3	142.9	148.0	153.0	158.1	163.2	175.7
47.5°	115.6	117.9	124.4	130.4	136.9	142.9	152.6	162.7	172.5	182.2	188.2
50°	113.7	116.1	123.0	129.9	136.9	143.8	159.5	175.2	190.5	206.2	203.0
52.5°	109.1	111.9	120.7	129.5	138.2	147.0	160.9	174.8	188.6	202.5	196.0
55°	100.3	102.6	112.8	123.0	132.7	142.9	153.0	163.2	172.9	183.1	175.7
57.5°	91.5	94.3	104.0	113.7	123.0	132.7	137.8	142.9	148.0	153.0	150.3
60°	83.2	86.0	98.9	111.9	124.8	137.8	133.2	128.5	123.4	118.8	122.1
62.5°	75.4	78.1	90.6	102.6	115.1	127.1	120.7	114.2	107.7	101.3	106.3
65°	66.6	69.4	74.0	79.1	83.7	88.3	87.8	86.9	86.5	85.5	91.1
67.5°	57.3	59.6	62.0	64.7	67.0	69.4	70.7	72.6	74.0	75.4	80.0
70°	49.9	52.2	55.0	57.3	60.1	62.4	63.3	64.3	64.7	65.7	69.8
72.5°	41.6	43.5	47.2	50.9	54.1	57.8	58.3	58.3	58.7	58.7	62.0
75°	36.1	37.5	40.2	43.0	45.3	48.1	49.5	50.9	51.8	53.2	55.0
77.5°	31.9	33.8	34.7	35.1	36.1	36.5	37.5	38.4	39.3	40.2	40.7
80°	23.6	25.9	26.8	27.3	28.2	28.7	28.7	28.2	28.2	27.7	28.2
82.5°	7.4	8.3	9.7	11.1	12.5	13.9	14.3	14.8	14.8	15.3	14.8
85°	1.4	1.8	2.8	3.7	4.2	5.1	4.6	3.7	3.2	2.3	1.8
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: P596993
 CATALOG NUMBER: MSA-SA2D-835-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: P596993
 CATALOG NUMBER: MSA-SA2D-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4
2.5°	1068.5	1081.9	1095.8	1090.2	1084.7	1079.1	1073.6	1074.5	1075.9	1076.8	1077.7
5°	1049.5	1048.6	1048.2	1063.9	1080.1	1095.8	1111.5	1128.6	1146.2	1163.3	1180.4
7.5°	917.3	915.5	914.1	934.4	954.8	975.1	995.4	1019.0	1043.1	1066.6	1090.2
10°	823.9	827.6	831.3	839.6	848.4	856.7	865.1	887.7	910.4	932.6	955.2
12.5°	856.7	882.6	909.0	914.1	918.7	923.8	928.4	931.6	934.9	938.1	941.3
15°	775.4	807.3	839.2	852.6	865.5	878.9	891.9	926.1	959.8	994.1	1027.8
17.5°	645.9	679.2	712.9	753.2	793.4	833.6	873.8	910.8	947.8	984.8	1021.8
20°	494.3	538.6	583.0	633.9	685.2	736.1	786.9	823.9	860.4	897.4	934.0
22.5°	355.1	391.2	427.2	488.7	549.7	611.2	672.3	736.5	801.3	865.5	929.8
25°	270.5	293.1	316.2	376.8	437.4	497.5	558.1	646.4	734.7	823.0	911.3
27.5°	229.8	245.5	260.8	315.3	369.9	424.0	478.5	583.5	688.4	793.4	898.4
30°	216.4	227.0	237.6	283.9	330.6	376.8	423.1	529.4	635.7	742.1	848.4
32.5°	199.7	208.5	217.8	258.5	299.1	339.4	380.1	484.1	588.1	691.7	795.7
35°	180.8	190.5	199.7	240.4	281.1	321.3	362.0	469.8	577.5	685.2	792.9
37.5°	179.4	187.3	194.7	241.8	289.4	336.6	383.8	491.5	599.2	706.5	814.2
40°	177.5	184.9	192.3	240.4	288.0	336.1	383.8	496.6	609.4	722.2	835.0
42.5°	182.2	191.9	202.0	244.6	287.1	329.2	371.7	490.6	609.4	727.7	846.6
45°	188.6	201.1	213.6	252.4	291.3	330.1	369.0	498.0	627.0	755.5	884.5
47.5°	194.7	200.7	206.7	243.7	280.2	317.2	353.7	485.5	617.2	749.0	880.8
50°	200.2	197.0	193.7	234.4	275.1	315.3	356.0	481.8	607.1	732.8	858.1
52.5°	189.1	182.6	175.7	219.2	262.6	305.6	349.1	475.8	602.4	729.1	855.8
55°	168.3	160.9	153.5	196.5	239.0	282.0	324.6	450.8	577.0	703.2	829.5
57.5°	147.0	144.3	141.0	173.8	206.7	239.0	271.9	412.0	552.5	692.6	832.7
60°	125.3	128.1	131.3	154.9	178.5	201.6	225.2	362.5	499.3	636.7	773.5
62.5°	111.0	116.1	120.7	140.6	160.9	180.8	200.7	330.1	459.6	589.0	718.5
65°	97.1	102.6	108.2	131.8	155.8	179.4	203.0	312.6	422.1	531.7	641.3
67.5°	84.6	88.8	93.4	124.4	155.4	186.3	217.3	307.0	396.2	485.9	575.2
70°	74.0	77.7	81.8	117.9	154.0	190.0	226.1	302.4	379.1	455.4	531.7
72.5°	65.2	68.4	71.7	108.2	144.7	181.2	217.8	285.7	353.2	421.2	488.7
75°	56.9	58.3	60.1	91.1	121.6	152.6	183.1	228.4	274.2	319.5	364.8
77.5°	41.1	41.1	41.6	50.9	59.6	68.9	77.7	105.9	134.1	161.8	190.0
80°	28.2	28.7	28.7	32.4	35.6	39.3	42.5	48.5	54.1	60.1	65.7
82.5°	14.3	13.4	12.9	16.6	20.3	24.0	27.7	29.1	30.1	31.4	32.4
85°	1.4	0.5	0.0	2.3	4.6	6.9	9.2	11.1	12.9	14.8	16.6
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: P596993
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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: P596993

CATALOG NUMBER: MSA-SA2D-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4
2.5°	1074.0	1070.3	1066.6	1062.9	1085.6	1108.7	1131.4	1154.0	1218.3	1260.4	1255.7
5°	1197.0	1213.7	1230.3	1247.0	1273.8	1301.1	1327.9	1354.7	1449.9	1508.2	1516.5
7.5°	1116.1	1141.5	1167.4	1192.9	1244.7	1296.0	1347.8	1399.1	1477.2	1537.8	1572.0
10°	984.3	1013.5	1042.1	1071.3	1129.5	1188.2	1246.5	1304.8	1392.6	1476.3	1519.3
12.5°	987.1	1032.9	1078.7	1124.4	1175.3	1226.2	1276.6	1327.4	1381.0	1409.3	1469.8
15°	1063.9	1099.9	1136.0	1172.1	1238.6	1305.2	1371.3	1437.9	1469.8	1537.8	1608.5
17.5°	1092.1	1162.8	1233.1	1303.4	1386.6	1469.4	1552.6	1635.3	1695.4	1789.8	1862.8
20°	1039.8	1145.7	1251.1	1357.0	1471.2	1585.4	1699.6	1813.8	1879.5	1969.2	2082.0
22.5°	1042.1	1154.5	1266.4	1378.7	1536.4	1693.6	1851.3	2008.5	2184.6	2357.5	2412.6
25°	1058.3	1205.4	1351.9	1498.9	1681.1	1863.3	2045.4	2227.6	2440.3	2622.0	2695.1
27.5°	1063.9	1229.4	1394.5	1560.0	1818.9	2077.8	2336.7	2595.6	2849.5	3054.8	3132.9
30°	1050.5	1253.0	1455.0	1657.1	1974.7	2292.3	2610.0	2927.6	3168.5	3407.5	3504.6
32.5°	1053.7	1311.7	1569.7	1827.7	2201.7	2576.2	2950.3	3324.3	3478.3	3693.7	3864.8
35°	1075.9	1358.9	1641.4	1924.3	2338.1	2751.9	3165.7	3579.5	3832.0	4059.5	4204.6
37.5°	1127.7	1441.2	1754.2	2067.6	2576.2	3085.3	3593.9	4102.5	4493.1	4883.8	4950.4
40°	1166.1	1497.1	1828.1	2159.2	2749.6	3340.0	3930.5	4520.9	4962.9	5386.9	5432.2
42.5°	1209.5	1572.0	1934.9	2297.4	2957.7	3617.9	4278.1	4938.4	5450.2	5882.5	5912.6
45°	1257.1	1630.3	2002.9	2375.6	3067.2	3758.5	4450.1	5141.4	5739.2	6241.3	6128.0
47.5°	1279.8	1678.8	2077.8	2476.8	3218.4	3959.6	4701.2	5442.4	5978.7	6421.6	6289.4
50°	1297.4	1736.1	2175.4	2614.1	3391.8	4169.5	4947.2	5724.9	6262.6	6671.3	6464.2
52.5°	1346.8	1837.4	2328.4	2819.0	3646.1	4472.8	5299.9	6126.6	6646.8	7022.2	6731.9
55°	1394.9	1959.9	2525.4	3090.4	3979.9	4870.0	5759.5	6649.1	7166.9	7488.7	7094.3
57.5°	1455.5	2078.7	2701.5	3324.3	4275.8	5227.4	6178.4	7129.9	7636.2	7991.8	7582.1
60°	1439.8	2105.6	2771.8	3437.6	4406.7	5375.8	6344.9	7314.0	7915.5	8352.4	8074.5
62.5°	1378.7	2039.0	2698.8	3359.0	4311.0	5262.5	6214.5	7166.0	7886.8	8478.6	8385.2
65°	1255.3	1868.8	2482.8	3096.4	4005.4	4914.8	5823.8	6732.8	7622.3	8375.5	8408.8
67.5°	1093.0	1610.8	2128.2	2646.0	3494.0	4342.0	5189.4	6037.4	7087.4	7965.9	8064.8
70°	921.0	1309.8	1699.1	2088.0	2834.2	3580.5	4326.2	5072.5	6164.1	7048.1	7234.9
72.5°	738.4	988.5	1238.2	1487.9	2026.5	2564.7	3103.3	3641.5	4601.8	5287.9	5613.9
75°	478.5	592.3	706.0	819.8	1178.5	1536.9	1895.6	2254.0	2891.6	3396.9	3765.4
77.5°	213.1	236.3	258.9	282.0	559.0	835.9	1112.9	1389.8	1666.8	1971.9	2058.4
80°	76.3	86.5	97.1	107.3	243.2	379.6	515.5	651.5	785.5	943.2	981.6
82.5°	31.9	31.9	31.4	31.0	79.5	128.1	176.6	225.2	260.3	299.1	306.5
85°	12.9	9.7	6.0	2.3	10.2	18.5	26.4	34.2	55.0	49.9	92.5
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: P596993
 CATALOG NUMBER: MSA-SA2D-835-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: P596993

CATALOG NUMBER: MSA-SA2D-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4
2.5°	1238.2	1237.3	1236.3	1235.4	1234.5	1217.8	1201.7	1185.0	1168.8	1189.2	1209.5
5°	1503.1	1527.2	1551.2	1575.7	1599.7	1606.7	1613.6	1620.5	1627.5	1642.3	1657.1
7.5°	1600.7	1641.4	1681.6	1722.3	1762.5	1799.9	1836.9	1874.4	1911.8	1902.6	1893.3
10°	1566.9	1640.4	1713.9	1787.9	1861.4	1877.6	1893.8	1910.4	1926.6	1968.7	2010.8
12.5°	1530.4	1618.7	1707.0	1795.3	1883.6	1932.6	1981.2	2030.2	2079.2	2121.7	2164.3
15°	1703.8	1760.2	1816.6	1873.5	1929.9	1972.9	2015.4	2058.4	2100.9	2130.5	2159.6
17.5°	1931.7	1959.5	1987.2	2015.4	2043.1	2076.9	2110.6	2144.4	2178.1	2195.7	2213.3
20°	2172.6	2184.6	2196.6	2208.7	2220.7	2193.9	2167.0	2140.2	2113.4	2130.1	2146.2
22.5°	2414.4	2418.6	2423.2	2427.4	2431.5	2369.1	2306.7	2244.3	2181.8	2155.5	2129.1
25°	2786.6	2756.1	2725.6	2695.1	2664.5	2590.6	2516.6	2442.6	2368.6	2303.4	2238.2
27.5°	3189.8	3086.2	2983.1	2879.5	2776.4	2702.5	2628.5	2554.5	2480.5	2382.5	2284.5
30°	3596.2	3429.3	3262.8	3095.9	2929.5	2841.6	2753.8	2665.5	2577.6	2479.6	2382.0
32.5°	3968.8	3768.2	3567.5	3366.4	3165.7	3017.8	2869.8	2721.9	2573.9	2505.5	2437.1
35°	4277.7	4040.5	3803.3	3565.7	3328.5	3181.9	3035.3	2888.8	2742.2	2640.5	2539.2
37.5°	4805.7	4538.9	4272.1	4005.4	3738.6	3538.4	3338.6	3138.4	2938.3	2870.3	2802.3
40°	5292.6	4956.4	4620.3	4284.2	3948.0	3780.2	3612.8	3445.0	3277.6	3166.2	3055.2
42.5°	5679.5	5325.4	4971.7	4617.5	4263.4	4097.4	3931.8	3765.9	3599.9	3525.4	3451.5
45°	5763.2	5429.4	5096.1	4762.2	4428.4	4331.8	4235.6	4139.0	4042.8	3991.5	3940.6
47.5°	5928.3	5566.3	5204.7	4842.7	4480.7	4437.2	4393.7	4349.8	4306.4	4330.9	4355.4
50°	6020.8	5651.3	5281.9	4912.5	4543.1	4555.6	4567.6	4580.1	4592.5	4766.4	4939.8
52.5°	6200.1	5827.0	5453.9	5080.8	4707.7	4786.3	4864.4	4943.0	5021.1	5260.6	5499.7
55°	6520.6	6153.9	5787.3	5420.2	5053.5	5157.1	5260.6	5364.7	5468.2	5722.5	5976.4
57.5°	6995.4	6631.5	6268.1	5904.2	5540.8	5643.9	5747.0	5850.1	5953.3	6183.0	6412.4
60°	7593.2	7219.6	6846.5	6472.9	6099.8	6138.7	6177.0	6215.9	6254.7	6501.6	6748.0
62.5°	8058.8	7715.3	7372.2	7028.7	6685.6	6642.6	6600.1	6557.1	6514.5	6702.3	6889.5
65°	8167.0	7925.2	7683.8	7442.0	7200.2	7068.0	6936.2	6804.0	6671.7	6747.6	6823.4
67.5°	7857.2	7694.0	7531.3	7368.1	7204.8	6928.8	6652.8	6376.3	6100.3	6060.1	6019.8
70°	7138.3	7049.0	6960.3	6871.0	6782.3	6356.9	5932.0	5506.6	5081.7	4979.5	4877.4
72.5°	5632.8	5688.3	5743.8	5799.8	5855.2	5399.8	4944.9	4489.4	4034.0	3904.6	3775.6
75°	3972.1	4160.2	4348.4	4536.6	4724.8	4309.6	3894.9	3479.7	3064.5	2940.1	2816.2
77.5°	2153.6	2506.4	2859.2	3212.0	3564.7	3222.1	2880.0	2537.4	2194.8	2108.3	2022.3
80°	1020.9	1224.3	1427.3	1630.7	1834.2	1756.9	1679.7	1602.1	1524.8	1543.8	1562.8
82.5°	313.0	460.0	607.1	754.1	901.1	912.7	923.8	935.3	946.9	975.6	1003.8
85°	105.0	143.8	182.6	221.5	260.3	328.7	397.2	466.1	534.5	490.1	446.2
87.5°	0.0	1.4	2.3	3.7	4.6	14.3	24.0	33.8	43.5	37.5	31.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596993
 CATALOG NUMBER: MSA-SA2D-835-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: P596993

CATALOG NUMBER: MSA-SA2D-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4
2.5°	1230.3	1250.7	1251.1	1252.1	1252.5	1253.0	1255.3	1257.6	1260.4	1262.7	1247.4
5°	1672.3	1687.1	1659.8	1632.6	1604.8	1577.5	1602.1	1626.6	1651.1	1675.6	1664.9
7.5°	1883.6	1874.4	1871.1	1868.4	1865.1	1862.4	1871.6	1880.9	1890.1	1899.3	1898.4
10°	2052.8	2094.9	2105.1	2115.3	2125.9	2136.1	2114.8	2093.5	2072.3	2051.0	2042.2
12.5°	2206.8	2249.3	2283.1	2316.8	2351.1	2384.8	2354.3	2324.2	2293.7	2263.7	2235.0
15°	2189.2	2218.4	2246.1	2273.9	2301.6	2329.3	2319.2	2309.5	2299.3	2289.1	2284.5
17.5°	2231.3	2248.9	2242.4	2235.9	2229.0	2222.5	2219.3	2216.5	2213.3	2210.0	2198.9
20°	2162.9	2179.5	2175.4	2171.7	2167.5	2163.3	2160.6	2157.8	2155.0	2152.3	2143.5
22.5°	2102.8	2076.4	2069.5	2063.0	2056.1	2049.6	2050.5	2051.5	2051.9	2052.8	2092.6
25°	2173.1	2107.9	2082.4	2057.0	2031.1	2005.7	2017.2	2028.3	2039.9	2051.5	2108.8
27.5°	2186.0	2088.0	2047.3	2006.6	1965.9	1925.2	1966.8	2008.5	2050.1	2091.7	2184.6
30°	2284.0	2186.5	2129.6	2073.2	2016.3	1959.9	2013.1	2066.3	2119.4	2172.6	2273.4
32.5°	2368.2	2299.7	2259.1	2218.4	2177.7	2137.0	2139.3	2141.2	2143.5	2145.8	2287.7
35°	2437.5	2336.3	2299.3	2262.8	2225.8	2189.2	2244.3	2299.3	2354.3	2409.3	2536.9
37.5°	2734.4	2666.4	2598.4	2530.9	2463.0	2395.4	2439.4	2483.3	2527.7	2571.6	2712.6
40°	2943.8	2832.8	2815.3	2798.2	2780.6	2763.5	2786.1	2808.3	2831.0	2853.6	2977.1
42.5°	3377.0	3302.6	3255.0	3207.8	3160.2	3113.0	3131.1	3149.1	3167.6	3185.6	3302.6
45°	3889.3	3838.0	3806.5	3775.1	3743.2	3711.8	3684.5	3657.7	3630.4	3603.6	3722.4
47.5°	4379.9	4404.4	4473.7	4542.6	4612.0	4680.9	4624.5	4568.0	4511.2	4454.8	4455.2
50°	5113.6	5287.0	5322.1	5356.8	5392.0	5426.6	5306.4	5186.2	5065.5	4945.3	4931.0
52.5°	5739.2	5978.2	5990.7	6003.2	6016.1	6028.6	5980.1	5931.5	5882.5	5834.0	5705.0
55°	6230.7	6484.5	6501.6	6518.2	6535.4	6552.0	6509.5	6467.4	6424.9	6382.3	6251.9
57.5°	6642.2	6871.5	6881.7	6891.4	6901.5	6911.7	6914.9	6918.2	6921.9	6925.1	6749.0
60°	6994.9	7241.8	7221.5	7201.6	7181.3	7161.4	7130.9	7100.3	7069.8	7039.3	6925.6
62.5°	7077.2	7264.9	7233.5	7202.5	7171.1	7140.1	7114.2	7088.8	7062.9	7037.0	6964.4
65°	6899.2	6975.1	6942.7	6910.3	6877.5	6845.1	6828.5	6812.3	6795.7	6779.0	6769.8
67.5°	5979.1	5938.9	5977.3	6015.7	6054.0	6092.4	6144.7	6196.9	6249.6	6301.9	6271.4
70°	4774.7	4672.5	4715.1	4757.1	4799.7	4841.8	4920.8	4999.9	5079.4	5158.5	5137.2
72.5°	3646.1	3516.7	3522.7	3528.7	3535.1	3541.2	3538.8	3537.0	3534.7	3532.4	3569.4
75°	2691.8	2567.4	2508.7	2450.0	2391.3	2332.6	2318.2	2303.9	2289.6	2275.2	2344.1
77.5°	1935.9	1849.9	1809.6	1769.9	1729.7	1689.9	1710.2	1730.6	1751.4	1771.7	1795.8
80°	1582.2	1601.1	1570.1	1539.6	1508.7	1477.7	1500.8	1523.5	1546.6	1569.7	1498.0
82.5°	1032.4	1060.6	965.4	870.1	774.9	679.7	737.5	795.2	853.5	911.3	881.7
85°	401.8	357.9	305.2	252.9	200.2	147.5	191.9	236.3	280.6	325.0	354.6
87.5°	25.9	20.3	16.2	12.0	7.4	3.2	6.9	10.6	14.8	18.5	31.0
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: P596993
 CATALOG NUMBER: MSA-SA2D-835-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: P596993

CATALOG NUMBER: MSA-SA2D-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4	977.4
2.5°	1232.6	1217.4	1202.6	1173.5	1144.3	1115.2	1086.1	1126.8	1167.4	1208.1	1248.8
5°	1654.8	1644.1	1634.0	1636.7	1639.5	1642.7	1645.5	1651.5	1657.5	1663.1	1669.1
7.5°	1898.0	1897.0	1896.1	1874.8	1853.6	1831.8	1810.6	1821.2	1831.8	1842.5	1853.1
10°	2033.9	2025.1	2016.3	1969.6	1922.9	1875.8	1829.1	1808.7	1787.9	1767.6	1747.2
12.5°	2206.3	2177.2	2148.6	2098.6	2049.1	1999.2	1949.3	1930.8	1911.8	1893.3	1874.4
15°	2280.3	2275.7	2271.5	2235.9	2199.9	2164.3	2128.2	2064.9	2001.1	1937.7	1874.4
17.5°	2187.9	2176.3	2165.2	2221.6	2277.5	2334.0	2390.4	2324.7	2259.1	2193.4	2127.7
20°	2134.7	2125.9	2117.1	2222.1	2326.6	2431.5	2536.0	2506.9	2477.3	2448.2	2419.0
22.5°	2132.4	2172.6	2212.4	2304.4	2395.9	2487.9	2579.5	2629.9	2680.7	2731.1	2781.5
25°	2166.1	2223.9	2281.2	2433.8	2586.4	2739.4	2892.0	2949.8	3007.1	3064.9	3122.3
27.5°	2277.1	2370.0	2462.5	2595.6	2728.8	2862.4	2995.6	3121.8	3248.5	3374.7	3500.9
30°	2373.7	2474.5	2575.3	2733.9	2892.0	3050.6	3208.7	3366.9	3525.0	3683.1	3841.2
32.5°	2429.7	2572.1	2714.0	2906.8	3099.1	3292.0	3484.8	3658.1	3831.5	4004.4	4177.8
35°	2664.5	2792.6	2920.2	3133.4	3346.5	3560.1	3773.3	3987.8	4202.3	4416.4	4630.9
37.5°	2853.6	2995.1	3136.1	3369.2	3601.7	3834.8	4067.8	4364.1	4661.0	4957.3	5253.7
40°	3100.5	3224.0	3347.4	3565.7	3783.4	4001.7	4219.9	4595.8	4971.7	5347.1	5723.0
42.5°	3419.1	3536.1	3653.0	3886.5	4120.0	4353.5	4587.0	5003.1	5419.2	5834.9	6251.0
45°	3841.2	3960.5	4079.3	4265.2	4451.1	4636.9	4822.8	5265.3	5707.3	6149.8	6591.8
47.5°	4455.7	4456.2	4456.6	4590.7	4724.8	4859.3	4993.4	5439.1	5884.4	6330.1	6775.3
50°	4916.7	4901.9	4887.5	4956.9	5025.8	5095.1	5164.5	5574.6	5985.2	6395.3	6805.4
52.5°	5576.4	5447.4	5318.9	5360.1	5400.7	5441.9	5482.6	5829.8	6177.5	6524.7	6871.9
55°	6122.0	5991.6	5861.2	5846.0	5830.7	5815.5	5800.2	6119.7	6439.2	6758.7	7078.2
57.5°	6573.3	6397.1	6221.4	6186.3	6151.6	6116.5	6081.3	6418.4	6755.0	7092.0	7428.6
60°	6812.3	6698.6	6584.8	6562.2	6539.1	6516.4	6493.3	6769.8	7046.3	7322.7	7599.2
62.5°	6892.3	6819.7	6747.6	6790.1	6832.6	6875.6	6918.2	7039.8	7160.9	7282.5	7403.7
65°	6761.0	6751.7	6742.5	6829.9	6916.8	7004.2	7091.6	7061.5	7031.0	7000.9	6970.9
67.5°	6241.3	6210.8	6180.7	6372.6	6564.0	6755.9	6947.8	6802.1	6656.0	6510.4	6364.7
70°	5115.9	5094.2	5072.9	5349.4	5625.9	5902.9	6179.3	6002.7	5826.1	5649.5	5472.9
72.5°	3605.9	3642.9	3679.9	4005.8	4331.3	4657.3	4982.8	4804.8	4626.8	4448.8	4270.8
75°	2412.6	2481.4	2550.3	2886.0	3221.7	3557.8	3893.5	3684.5	3475.5	3266.5	3057.5
77.5°	1819.8	1843.9	1867.9	2080.1	2292.3	2505.0	2717.2	2544.8	2371.9	2199.4	2026.5
80°	1426.4	1354.2	1282.6	1352.4	1422.2	1492.0	1561.8	1458.7	1355.6	1253.0	1149.9
82.5°	852.1	822.5	792.9	830.8	868.3	906.2	944.1	899.7	854.9	810.5	765.7
85°	383.8	413.3	442.5	480.8	518.8	557.1	595.5	533.6	471.6	409.6	347.7
87.5°	43.0	55.5	68.0	84.1	100.3	116.5	132.7	103.6	74.0	44.8	15.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	977.4	977.4
2.5°	1272.4	1296.0
5°	1668.6	1667.7
7.5°	1825.4	1797.2
10°	1721.3	1695.4
12.5°	1808.3	1742.1
15°	1824.4	1774.5
17.5°	2046.4	1964.5
20°	2314.1	2208.7
22.5°	2637.3	2492.5
25°	2950.3	2778.3
27.5°	3397.8	3294.3
30°	3736.7	3631.8
32.5°	4106.6	4035.4
35°	4560.2	4489.0
37.5°	5272.2	5290.2
40°	5734.1	5745.2
42.5°	6294.0	6337.0
45°	6639.8	6687.9
47.5°	6842.4	6909.4
50°	6913.6	7021.7
52.5°	7005.6	7138.7
55°	7226.6	7375.0
57.5°	7547.0	7665.3
60°	7604.8	7610.3
62.5°	7318.1	7232.6
65°	6879.8	6788.7
67.5°	6309.7	6254.2
70°	5399.8	5326.8
72.5°	4134.8	3998.9
75°	2889.2	2720.9
77.5°	1938.2	1849.9
80°	1152.6	1155.0
82.5°	786.9	807.7
85°	343.5	338.9
87.5°	11.1	6.0
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: P596993
CATALOG NUMBER: MSA-SA2D-835-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)