

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: P596971

Luminaire Tested: **MSA-SA2C-835-U-SLR-HSS**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P596971
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-SA2C-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: 7419 lumens
Efficiency: N/A
Efficacy: 65.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

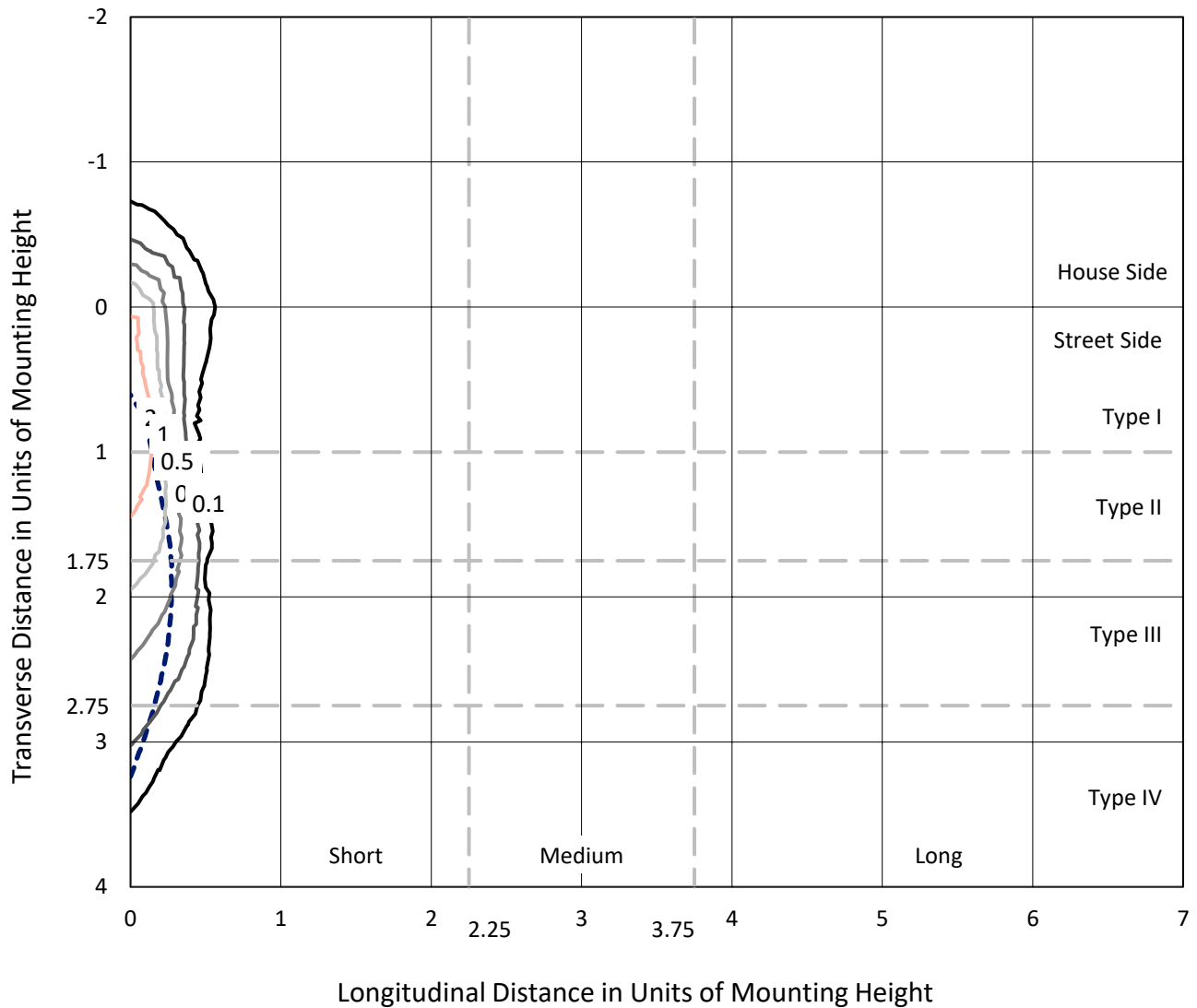
Input Watts (W): 113
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

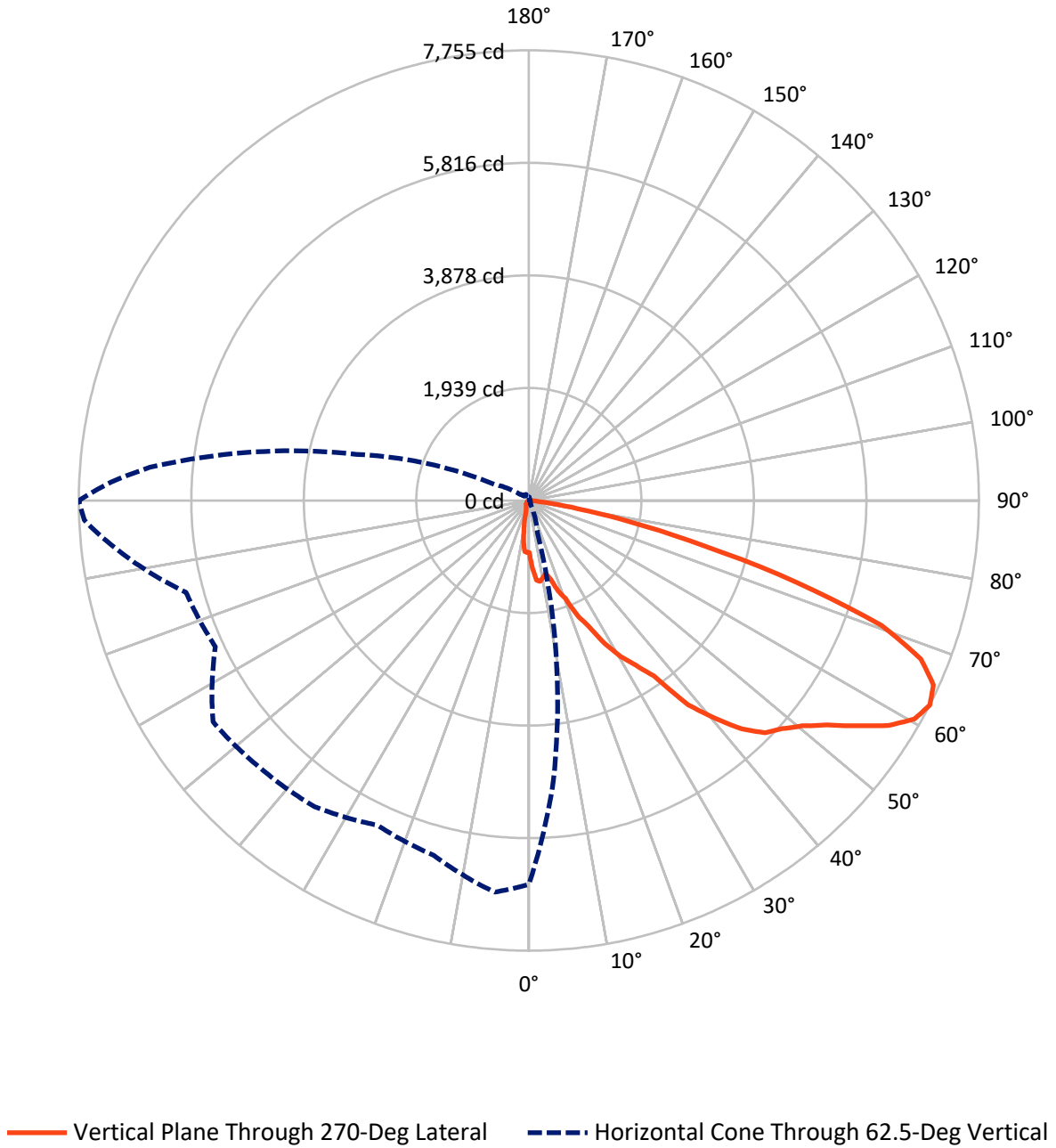
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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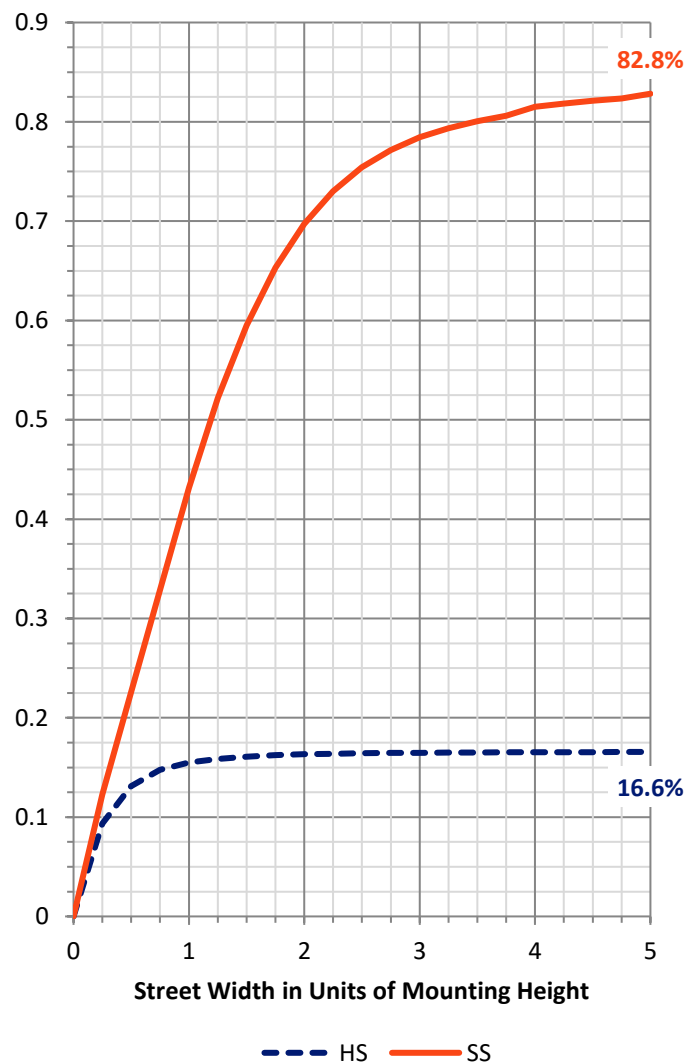
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1238.9	0.0	1238.9
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	6180.1	0.0	6180.1
	% Fixture	83.3	0.0	83.3
Total	Lumens	7419.0	0.0	7419.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.9	1.3
10°-20°	260.9	3.5
20°-30°	421.7	5.7
30°-40°	706.4	9.5
40°-50°	1154.7	15.6
50°-60°	1709.4	23.0
60°-70°	1962.4	26.5
70°-80°	970.3	13.1
80°-90°	133.3	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°	7419.0	100.0
0°-180°	7419.0	100.0

Coefficient of Utilization



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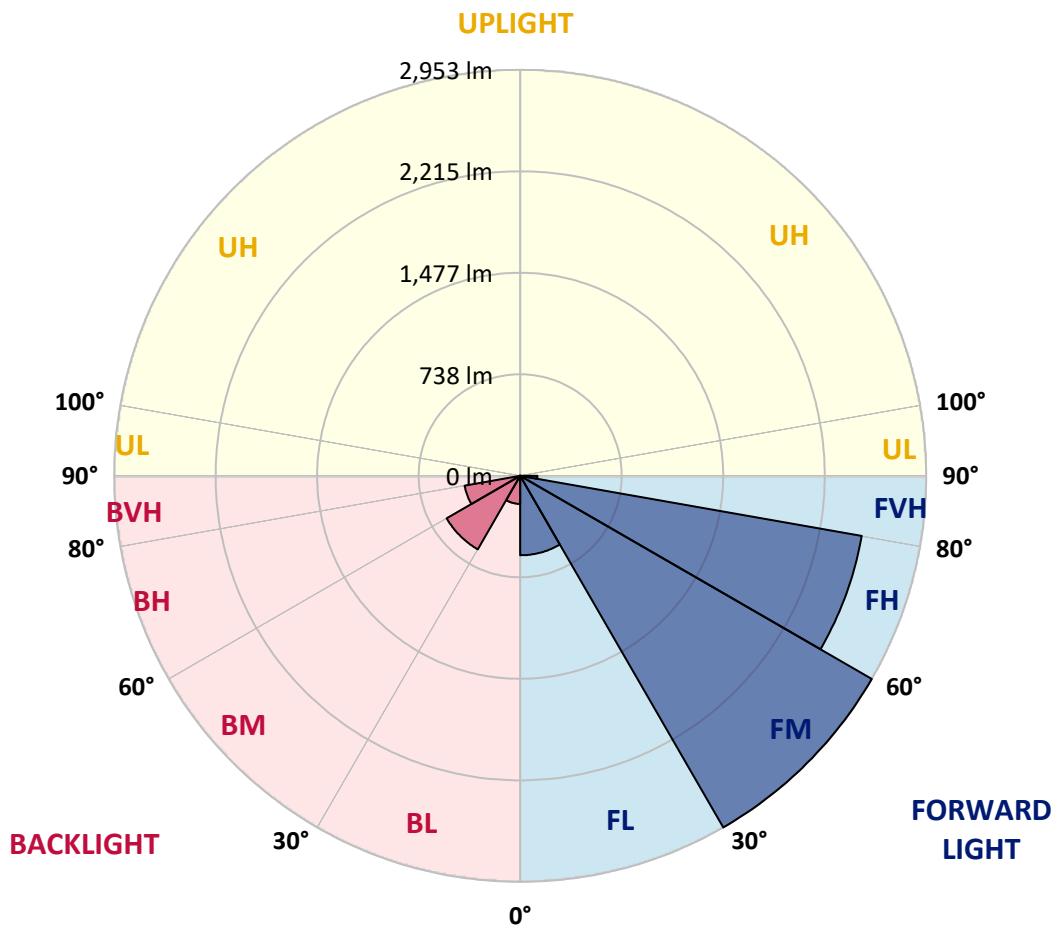
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	578.0	7.8			
FM (30°-60°)	2953.1	39.8			
FH (60°-80°)	2522.8	34.0			G2/5000
FVH (80°-90°)	126.2	1.7			G2/225
BL (0°-30°)	204.6	2.8	B1/500		
BM (30°-60°)	617.3	8.3	B1/1000		
BH (60°-80°)	409.9	5.5	B1/500		G1/500
BVH (80°-90°)	7.1	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°	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0
2.5°	1185.4	1200.2	1214.6	1187.1	1159.6	1132.1	1104.6	1080.1	1055.6	1030.6	1006.1
5°	1525.4	1498.4	1471.3	1434.1	1396.9	1359.6	1322.4	1305.1	1287.8	1270.4	1253.1
7.5°	1643.8	1595.6	1547.0	1514.0	1481.4	1448.5	1415.5	1363.5	1311.0	1259.0	1206.6
10°	1550.8	1499.6	1448.0	1419.3	1390.5	1361.8	1333.0	1268.3	1203.2	1138.5	1073.3
12.5°	1593.5	1538.1	1482.7	1423.5	1364.3	1305.1	1245.9	1196.4	1146.5	1097.0	1047.1
15°	1623.1	1559.7	1495.8	1428.2	1360.5	1292.8	1225.2	1166.8	1108.9	1050.5	992.1
17.5°	1796.9	1706.0	1615.1	1511.0	1407.0	1303.0	1198.9	1131.3	1064.0	996.4	928.7
20°	2020.2	1891.2	1761.8	1621.0	1480.2	1339.3	1198.5	1114.4	1030.2	946.0	861.9
22.5°	2279.9	2118.8	1957.2	1783.4	1610.0	1436.2	1262.4	1141.4	1020.5	899.5	778.6
25°	2541.2	2395.8	2250.3	2016.4	1782.6	1548.3	1314.4	1160.9	1006.9	853.4	699.5
27.5°	3013.2	2753.1	2493.0	2195.3	1898.0	1600.3	1302.6	1126.6	950.7	774.3	598.4
30°	3321.9	3121.9	2921.4	2528.1	2135.3	1742.0	1348.6	1125.8	902.9	679.6	456.7
32.5°	3691.1	3398.5	3105.4	2678.7	2252.0	1825.3	1398.6	1136.8	874.6	612.8	350.6
35°	4106.0	3787.6	3469.1	2928.6	2388.2	1847.3	1306.8	1053.0	799.3	545.5	291.8
37.5°	4838.9	4306.0	3773.2	3143.0	2512.5	1882.4	1251.8	998.5	744.7	491.4	237.7
40°	5255.0	4746.3	4237.5	3450.1	2662.6	1875.2	1087.7	862.7	638.2	413.2	188.2
42.5°	5796.4	5151.0	4505.2	3625.2	2745.1	1865.0	984.9	776.9	568.8	360.3	152.2
45°	6117.3	5386.1	4654.9	3701.3	2747.6	1794.0	840.3	660.2	480.0	299.8	119.7
47.5°	6319.9	5586.6	4853.3	3829.4	2806.0	1782.1	758.3	592.5	426.7	260.9	95.2
50°	6422.7	5687.2	4951.4	3899.2	2847.0	1794.4	742.2	577.3	411.9	247.0	81.6
52.5°	6529.7	5820.5	5110.8	4020.1	2929.5	1838.8	748.1	579.8	411.9	243.6	75.3
55°	6745.8	6046.3	5346.4	4193.5	3040.7	1887.9	735.0	569.2	403.5	237.3	71.5
57.5°	7011.4	6263.7	5515.5	4320.4	3125.3	1930.1	735.0	568.4	401.8	234.7	68.1
60°	6961.0	6149.5	5337.5	4177.9	3018.3	1858.3	698.6	540.1	381.9	223.3	64.7
62.5°	6615.5	5734.6	4853.3	3781.6	2709.6	1637.9	565.8	439.4	313.0	186.1	59.6
65°	6209.5	5274.5	4339.0	3352.8	2366.2	1379.9	393.3	308.7	223.7	139.1	54.1
67.5°	5720.7	4723.4	3726.2	2849.1	1972.4	1095.3	218.2	175.9	133.6	90.9	48.6
70°	4872.3	3843.0	2813.2	2139.1	1465.4	791.3	117.1	99.0	80.8	62.6	44.4
72.5°	3657.7	2714.6	1771.6	1345.7	920.2	494.4	68.5	61.7	54.6	47.8	40.6
75°	2488.8	1782.1	1075.5	818.7	562.5	305.8	49.1	45.7	41.9	38.5	34.7
77.5°	1692.0	1223.9	755.7	576.8	398.0	219.1	40.2	38.1	35.9	33.4	31.3
80°	1056.4	723.2	389.9	300.3	210.2	120.5	30.4	29.2	27.9	26.2	25.0
82.5°	738.8	441.9	145.1	113.3	81.6	49.5	17.8	18.2	18.6	18.6	19.0
85°	310.0	167.5	25.0	21.1	17.3	13.5	9.7	10.6	11.8	12.7	13.5
87.5°	5.5	3.0	0.0	0.8	2.1	3.0	3.8	5.1	5.9	7.2	8.0
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):

	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°	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0
2.5°	1012.4	1018.8	1024.7	1031.0	1026.0	1021.3	1016.2	1011.2	1003.6	996.4	988.8
5°	1231.9	1210.8	1189.6	1168.5	1136.3	1104.2	1071.6	1039.5	1035.7	1031.9	1027.7
7.5°	1157.1	1107.6	1057.7	1008.2	961.7	915.2	868.6	822.1	807.8	793.8	779.4
10°	1035.3	997.2	958.7	920.7	887.3	853.4	820.0	786.2	751.1	716.0	680.5
12.5°	1007.4	967.6	927.4	887.7	857.2	826.8	796.3	765.9	726.6	687.2	647.9
15°	949.0	905.9	862.7	819.6	779.0	738.4	697.4	656.8	609.4	562.0	514.7
17.5°	877.5	826.8	775.6	724.4	671.2	617.9	564.6	511.3	456.7	402.6	348.1
20°	792.5	723.2	653.4	584.0	518.1	452.1	385.7	319.7	285.5	251.6	217.4
22.5°	688.9	598.8	509.2	419.1	365.0	310.4	256.3	201.7	186.9	172.1	157.3
25°	597.6	495.6	393.7	291.8	257.6	223.3	189.0	154.8	148.0	140.8	134.1
27.5°	502.4	406.8	310.8	214.8	195.4	175.5	156.1	136.2	131.5	127.3	122.6
30°	385.3	313.8	241.9	170.4	157.7	145.1	131.9	119.3	117.1	114.6	112.5
32.5°	298.6	246.1	194.1	141.7	134.5	127.3	120.1	112.9	109.5	106.1	102.3
35°	249.5	207.6	165.4	123.1	118.0	112.5	107.4	101.9	98.5	94.7	91.3
37.5°	206.8	176.4	145.5	114.6	109.1	103.6	97.7	92.2	89.7	87.1	84.6
40°	170.4	152.7	134.9	117.1	109.1	101.1	93.0	85.0	82.9	80.8	78.7
42.5°	140.8	129.4	117.6	106.1	100.2	94.7	88.8	82.9	79.9	76.5	73.6
45°	113.8	107.4	101.5	95.2	95.6	96.0	96.0	96.4	88.8	80.8	73.2
47.5°	92.2	89.2	85.9	82.9	86.3	89.7	92.6	96.0	88.0	79.9	71.5
50°	79.1	77.0	74.4	71.9	75.3	79.1	82.5	85.9	82.5	79.5	76.1
52.5°	72.3	69.4	66.4	63.4	64.7	66.4	67.7	68.9	68.9	68.9	68.9
55°	68.1	65.1	61.7	58.4	57.1	55.4	54.1	52.4	50.3	48.6	46.5
57.5°	64.7	61.3	57.5	54.1	52.0	49.5	47.4	44.8	42.7	40.2	38.1
60°	61.3	57.9	54.1	50.7	48.6	46.5	44.0	41.9	39.3	37.2	34.7
62.5°	56.7	53.7	50.7	47.8	45.7	44.0	41.9	39.8	37.2	34.7	31.7
65°	51.6	49.5	46.9	44.4	42.3	40.2	38.1	35.9	33.4	31.3	28.8
67.5°	46.9	44.8	43.1	41.0	38.5	36.4	33.8	31.3	29.6	27.9	25.8
70°	43.1	41.4	40.2	38.5	35.9	33.8	31.3	28.8	27.5	25.8	24.5
72.5°	39.3	38.1	36.4	35.1	33.0	30.9	28.8	26.6	25.4	24.1	22.8
75°	33.8	33.0	32.1	31.3	29.2	27.1	24.5	22.4	22.0	21.6	21.1
77.5°	30.4	30.0	29.2	28.3	26.2	24.1	22.0	19.9	20.3	20.7	20.7
80°	25.0	25.0	24.5	24.5	22.8	21.1	19.0	17.3	18.2	19.5	20.3
82.5°	19.0	19.0	19.0	19.0	17.3	15.6	14.0	12.3	13.5	14.4	15.6
85°	13.1	12.7	12.3	11.8	10.6	9.7	8.5	7.2	8.9	10.1	11.8
87.5°	8.0	8.5	8.5	8.5	7.6	6.3	5.5	4.2	5.1	5.5	6.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: MSA-SA2C-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: P596971
 CATALOG NUMBER: MSA-SA2C-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0
2.5°	981.1	968.5	955.8	942.7	930.0	900.4	870.8	841.2	811.6	833.5	855.1
5°	1023.9	999.3	974.4	949.8	924.9	913.9	903.3	892.3	881.3	883.0	885.1
7.5°	765.0	749.0	732.9	716.4	700.3	696.9	694.0	690.6	687.2	694.4	701.2
10°	645.4	622.9	600.1	577.7	554.9	542.6	530.3	518.1	505.8	504.5	502.8
12.5°	608.6	574.3	540.5	506.2	472.0	445.3	418.7	392.0	365.4	367.5	369.6
15°	467.3	433.1	399.2	365.0	330.7	309.1	287.2	265.6	243.6	237.3	230.9
17.5°	293.5	268.1	242.7	217.0	191.6	184.4	177.6	170.4	163.2	161.1	159.0
20°	183.1	172.1	161.1	149.7	138.7	137.0	135.3	133.6	131.9	133.2	134.5
22.5°	142.5	137.9	132.8	128.1	123.1	121.4	119.7	118.0	116.3	117.6	118.4
25°	126.9	123.5	120.1	116.7	113.3	111.6	109.5	107.8	105.7	106.6	107.8
27.5°	118.0	115.0	112.1	109.1	106.1	103.2	100.7	97.7	94.7	96.4	97.7
30°	110.0	106.6	103.6	100.2	96.8	93.9	90.9	87.5	84.6	86.3	88.0
32.5°	99.0	96.0	92.6	89.7	86.3	84.6	82.9	80.8	79.1	80.4	81.2
35°	87.5	85.0	82.9	80.4	77.8	76.1	74.9	73.2	71.5	71.9	72.7
37.5°	82.0	79.1	76.1	73.2	70.2	69.4	68.5	67.2	66.4	66.4	66.4
40°	76.5	73.6	70.6	67.2	64.3	63.0	61.7	60.5	59.2	59.2	59.2
42.5°	70.2	67.2	64.3	61.3	58.4	57.1	55.4	54.1	52.4	52.4	52.4
45°	65.1	62.2	59.6	56.7	53.7	51.6	49.5	46.9	44.8	44.4	44.0
47.5°	63.4	59.2	55.0	50.7	46.5	44.4	42.3	39.8	37.6	37.2	36.8
50°	72.7	64.3	55.8	47.4	38.9	37.2	35.5	33.8	32.1	31.3	30.9
52.5°	68.9	60.1	51.2	42.3	33.4	32.1	30.9	29.6	28.3	27.5	26.6
55°	44.4	40.6	37.2	33.4	29.6	28.8	27.9	26.6	25.8	25.0	24.1
57.5°	35.5	33.4	31.7	29.6	27.5	26.6	25.8	24.5	23.7	22.4	21.6
60°	32.1	30.4	28.8	27.1	25.4	24.5	23.7	22.8	22.0	20.7	19.9
62.5°	29.2	27.9	26.6	25.4	24.1	23.3	22.4	21.6	20.7	19.5	18.2
65°	26.2	25.4	24.5	23.7	22.8	22.0	21.1	19.9	19.0	17.8	16.5
67.5°	24.1	23.7	23.3	22.8	22.4	21.6	20.3	19.5	18.2	16.9	15.2
70°	22.8	22.8	22.8	22.4	22.4	21.6	20.3	19.5	18.2	16.5	15.2
72.5°	21.6	22.0	22.4	22.4	22.8	21.6	20.3	19.0	17.8	16.1	14.8
75°	20.7	21.1	21.6	21.6	22.0	21.1	20.3	19.0	18.2	16.5	14.8
77.5°	21.1	21.6	21.6	22.0	22.0	21.1	20.3	19.0	18.2	16.1	14.0
80°	21.1	20.7	20.3	19.5	19.0	17.3	15.6	13.5	11.8	9.3	7.2
82.5°	16.5	15.6	15.2	14.4	13.5	11.8	10.1	8.5	6.8	5.1	3.4
85°	13.1	12.3	11.8	11.0	10.1	8.9	7.2	5.9	4.2	3.4	2.1
87.5°	6.8	6.3	5.5	5.1	4.2	3.4	2.1	1.3	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: P596971
 CATALOG NUMBER: MSA-SA2C-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: P596971
 CATALOG NUMBER: MSA-SA2C-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°	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0
2.5°	877.1	898.7	895.7	892.8	906.7	920.7	910.5	900.8	890.6	880.5	859.3
5°	886.8	888.5	885.6	882.2	882.6	883.0	876.3	869.5	862.7	856.0	854.7
7.5°	708.4	715.1	724.4	733.3	733.7	733.7	728.7	723.6	718.1	713.0	715.6
10°	501.6	499.9	502.4	505.0	504.5	503.7	517.2	530.7	543.9	557.4	547.7
12.5°	371.3	373.4	362.9	352.3	356.1	359.5	361.6	363.7	365.8	367.9	373.8
15°	224.6	218.2	210.6	203.0	206.8	210.2	214.0	217.4	221.2	224.6	228.4
17.5°	156.5	154.4	151.0	147.2	147.6	148.0	148.4	148.9	148.9	149.3	150.1
20°	135.8	137.0	134.5	131.5	130.7	129.4	128.6	127.7	126.4	125.6	124.3
22.5°	119.7	120.5	121.0	121.0	119.3	117.1	115.5	114.2	112.5	110.8	110.0
25°	108.7	109.5	108.7	107.4	106.6	105.7	104.9	103.6	102.8	101.5	101.1
27.5°	99.4	100.7	100.7	100.2	99.4	98.1	96.0	94.3	92.2	90.1	90.5
30°	89.7	91.3	91.3	90.9	90.5	90.1	88.0	85.9	83.7	81.6	82.5
32.5°	82.5	83.3	82.9	82.5	82.5	82.0	80.4	79.1	77.4	75.7	75.7
35°	73.2	73.6	73.6	73.6	73.6	73.2	71.9	70.6	69.4	68.1	68.5
37.5°	66.4	66.4	67.7	68.5	67.7	66.8	66.0	64.7	63.9	62.6	62.6
40°	58.8	58.8	60.1	60.9	60.1	59.2	58.8	57.9	57.5	56.7	56.7
42.5°	52.0	52.0	53.3	54.1	54.1	53.7	52.9	52.0	51.2	50.3	50.7
45°	43.6	43.1	45.3	46.9	46.1	45.3	45.3	44.8	44.8	44.4	44.8
47.5°	35.9	35.5	37.2	38.9	38.5	37.6	37.6	37.6	37.6	37.6	38.1
50°	30.0	29.2	30.9	32.1	31.7	30.9	30.9	31.3	31.3	31.3	31.7
52.5°	25.8	25.0	26.2	27.1	26.6	26.2	26.2	26.6	26.6	26.6	27.1
55°	22.8	22.0	23.3	24.1	23.7	22.8	23.3	23.3	23.7	23.7	23.7
57.5°	20.3	19.0	19.9	20.7	20.7	20.3	20.7	20.7	21.1	21.1	21.1
60°	18.6	17.3	18.2	18.6	18.6	18.2	18.6	18.6	19.0	19.0	19.0
62.5°	16.5	15.2	16.1	16.5	16.5	16.1	16.5	16.5	16.9	16.9	16.9
65°	14.8	13.5	14.0	14.4	14.4	14.4	14.8	14.8	15.2	15.2	15.2
67.5°	14.0	12.3	12.7	13.1	13.1	13.1	13.5	13.5	14.0	14.0	14.4
70°	13.5	11.8	12.3	12.3	12.7	12.7	12.7	13.1	13.1	13.1	13.1
72.5°	13.1	11.4	11.4	11.4	11.8	11.8	11.8	12.3	12.3	12.3	12.3
75°	13.1	11.4	11.0	10.6	11.0	11.0	11.0	11.4	11.4	11.4	11.4
77.5°	11.4	9.3	8.5	7.2	8.5	9.3	9.7	9.7	10.1	10.1	10.1
80°	4.7	2.1	1.3	0.0	0.4	0.8	1.3	1.7	2.1	2.5	3.0
82.5°	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.3	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: P596971
 CATALOG NUMBER: MSA-SA2C-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: P596971
 CATALOG NUMBER: MSA-SA2C-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0
2.5°	838.2	817.1	795.9	806.1	816.2	826.4	836.5	835.7	834.4	833.5	832.3
5°	853.8	852.6	851.3	845.4	839.9	834.0	828.1	826.8	825.1	823.8	822.1
7.5°	718.1	720.2	722.7	716.0	709.2	702.4	695.7	678.3	661.0	643.2	625.9
10°	537.9	527.8	518.1	517.2	516.4	515.5	514.7	513.0	511.3	509.2	507.5
12.5°	380.2	386.1	392.0	389.9	387.8	385.3	383.2	386.1	389.5	392.5	395.4
15°	231.8	235.6	238.9	246.6	254.2	261.8	269.4	272.4	275.7	278.7	281.7
17.5°	151.0	151.4	152.2	160.7	168.7	177.2	185.2	190.7	196.2	201.3	206.8
20°	123.1	121.8	120.5	125.2	129.8	134.5	139.1	144.2	149.3	154.4	159.4
22.5°	109.5	108.7	107.8	109.5	111.2	112.5	114.2	118.0	122.2	126.0	129.8
25°	100.7	99.8	99.4	100.2	101.1	101.9	102.8	104.9	107.0	109.1	111.2
27.5°	90.5	90.9	90.9	91.8	92.2	93.0	93.5	94.3	95.6	96.4	97.3
30°	82.9	83.7	84.2	85.0	85.4	86.3	86.7	86.3	85.9	85.4	85.0
32.5°	75.7	75.3	75.3	76.1	76.5	77.4	77.8	78.7	79.5	79.9	80.8
35°	68.5	68.9	68.9	68.9	69.4	69.4	69.4	70.2	71.5	72.3	73.2
37.5°	62.2	62.2	61.7	63.0	63.9	65.1	66.0	66.8	68.1	68.9	69.8
40°	56.7	56.7	56.7	57.5	58.4	58.8	59.6	61.7	63.9	66.0	68.1
42.5°	50.7	51.2	51.2	52.0	52.9	53.3	54.1	55.8	57.1	58.8	60.1
45°	45.3	45.7	46.1	46.9	47.4	48.2	48.6	49.5	49.9	50.7	51.2
47.5°	38.9	39.3	39.8	40.6	41.0	41.9	42.3	41.9	41.9	41.4	41.0
50°	32.6	33.0	33.4	34.7	35.5	36.8	37.6	36.8	35.9	34.7	33.8
52.5°	27.5	27.5	27.9	28.8	29.6	30.0	30.9	30.4	30.0	29.6	29.2
55°	23.7	23.7	23.7	24.1	24.5	25.0	25.4	25.8	25.8	26.2	26.2
57.5°	21.1	20.7	20.7	21.1	21.6	21.6	22.0	22.4	22.4	22.8	22.8
60°	19.0	18.6	18.6	19.0	19.5	19.9	20.3	20.3	20.3	19.9	19.9
62.5°	16.9	16.9	16.9	17.3	17.3	17.8	17.8	17.8	18.2	18.2	18.2
65°	15.6	15.6	15.6	15.6	15.6	15.2	15.2	15.6	15.6	16.1	16.1
67.5°	14.4	14.8	14.8	14.4	14.0	13.5	13.1	13.5	13.5	14.0	14.0
70°	13.1	13.1	13.1	12.7	12.3	11.8	11.4	11.4	11.4	11.0	11.0
72.5°	12.3	11.8	11.8	11.4	10.6	10.1	9.3	8.9	8.9	8.5	8.0
75°	11.4	11.0	11.0	10.1	9.3	8.5	7.6	7.2	6.3	5.9	5.1
77.5°	10.1	10.1	10.1	8.9	8.0	6.8	5.5	4.7	3.8	2.5	1.7
80°	3.4	3.8	4.2	3.8	3.8	3.4	3.0	2.1	1.7	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: P596971
 CATALOG NUMBER: MSA-SA2C-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: P596971
 CATALOG NUMBER: MSA-SA2C-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°	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0
2.5°	836.9	841.6	846.2	850.9	851.3	851.7	852.2	852.6	842.0	831.0	820.4
5°	830.6	839.5	847.9	856.4	851.7	847.1	842.4	837.8	837.4	837.4	836.9
7.5°	627.2	628.0	629.3	630.1	631.8	633.5	634.8	636.5	643.2	650.0	656.4
10°	502.0	496.5	490.6	485.1	480.8	476.2	472.0	467.3	470.7	474.5	477.9
12.5°	390.8	386.1	381.0	376.4	374.7	373.0	370.9	369.2	380.2	391.2	401.8
15°	280.8	280.0	278.7	277.8	283.3	288.8	294.3	299.8	309.1	318.0	327.3
17.5°	208.9	211.0	213.1	215.3	218.6	222.0	225.0	228.4	235.1	242.3	249.1
20°	162.0	164.9	167.5	170.0	169.2	168.3	167.0	166.2	171.7	177.2	182.3
22.5°	132.4	134.5	137.0	139.1	139.6	140.0	140.4	140.8	144.2	147.2	150.6
25°	113.3	115.9	118.0	120.1	120.5	121.0	121.4	121.8	126.0	130.3	134.1
27.5°	100.2	102.8	105.7	108.3	109.1	110.0	110.8	111.6	114.2	116.3	118.8
30°	88.4	91.8	95.2	98.5	99.8	101.1	102.3	103.6	106.1	109.1	111.6
32.5°	82.5	84.6	86.3	88.0	90.9	93.5	96.4	99.0	101.9	105.3	108.3
35°	75.7	77.8	80.4	82.5	84.6	86.7	88.4	90.5	92.2	93.9	95.2
37.5°	71.5	73.6	75.3	77.0	77.8	78.7	79.1	79.9	80.8	81.6	82.0
40°	68.1	67.7	67.7	67.2	68.1	69.4	70.2	71.0	73.6	75.7	78.2
42.5°	59.2	57.9	57.1	55.8	57.9	59.6	61.7	63.4	66.8	70.2	73.6
45°	50.3	49.5	48.2	47.4	50.3	53.3	56.2	59.2	63.0	66.4	70.2
47.5°	41.4	41.9	41.9	42.3	45.3	48.2	50.7	53.7	57.5	61.3	65.1
50°	34.7	35.5	36.4	37.2	40.2	42.7	45.7	48.2	52.4	56.2	60.5
52.5°	30.4	31.7	32.6	33.8	36.4	39.3	41.9	44.4	48.2	52.0	55.8
55°	27.5	29.2	30.4	31.7	33.8	35.9	38.1	40.2	44.0	47.8	51.2
57.5°	24.1	25.4	26.6	27.9	30.0	32.1	33.8	35.9	39.3	43.1	46.5
60°	21.1	22.0	23.3	24.1	25.8	27.9	29.6	31.3	34.7	38.1	41.0
62.5°	18.6	19.5	19.9	20.3	22.0	23.7	25.4	27.1	30.0	33.4	36.4
65°	16.5	16.9	16.9	17.3	18.6	20.3	21.6	22.8	26.2	29.2	32.6
67.5°	14.0	14.4	14.4	14.4	15.6	16.9	18.2	19.5	22.4	25.8	28.8
70°	11.0	11.4	11.4	11.4	12.7	14.4	15.6	16.9	19.5	22.0	24.5
72.5°	8.5	8.5	8.9	8.9	10.1	11.8	13.1	14.4	16.5	18.6	20.7
75°	5.5	5.9	5.9	6.3	7.6	9.3	10.6	11.8	14.0	16.1	17.8
77.5°	2.1	3.0	3.4	3.8	5.1	6.3	7.6	8.9	10.6	12.7	14.4
80°	0.0	0.4	0.4	0.4	1.3	1.7	2.5	3.0	4.2	5.9	7.2
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: P596971
 CATALOG NUMBER: MSA-SA2C-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: P596971
 CATALOG NUMBER: MSA-SA2C-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0
2.5°	809.4	832.7	856.0	879.2	902.5	931.2	960.0	964.2	968.5	963.4	958.7
5°	836.5	847.9	858.9	870.3	881.3	914.3	946.9	947.3	947.3	947.7	947.7
7.5°	663.1	672.8	682.6	691.9	701.6	723.2	744.7	752.8	760.4	758.7	757.0
10°	481.3	494.0	506.2	518.9	531.2	551.0	570.9	578.5	585.7	609.0	632.7
12.5°	412.8	425.0	437.3	449.1	461.4	481.7	502.0	516.8	531.2	545.5	559.9
15°	336.2	345.9	356.1	365.8	375.5	384.8	394.1	412.3	430.1	444.5	458.9
17.5°	255.9	260.1	263.9	268.1	271.9	276.2	280.4	288.0	295.2	307.9	320.1
20°	187.8	191.2	194.5	197.5	200.9	205.1	209.3	214.8	219.9	222.9	225.4
22.5°	153.5	158.6	163.7	168.3	173.4	176.4	179.3	181.0	182.7	184.0	185.2
25°	138.3	142.9	147.2	151.8	156.1	157.3	158.6	162.0	165.4	165.4	165.4
27.5°	121.0	127.3	134.1	140.4	146.7	148.4	149.7	151.0	151.8	150.1	148.0
30°	114.2	120.5	126.9	132.8	139.1	141.7	143.8	145.1	146.3	144.2	142.1
32.5°	111.2	117.1	122.6	128.6	134.1	137.4	140.4	143.8	146.7	147.2	148.0
35°	96.8	100.7	104.9	108.7	112.5	114.2	115.9	117.1	118.0	118.0	118.0
37.5°	82.9	88.0	93.5	98.5	103.6	107.4	111.2	111.6	111.6	112.5	113.8
40°	80.4	85.4	90.5	95.2	100.2	104.5	108.3	108.7	109.1	110.0	110.8
42.5°	77.0	82.5	88.0	93.5	99.0	103.2	107.0	107.0	106.6	107.8	108.7
45°	73.6	79.1	84.2	89.7	94.7	100.2	105.3	104.0	102.3	104.5	106.1
47.5°	68.9	74.9	80.8	86.3	92.2	97.3	101.9	101.1	99.8	101.9	104.0
50°	64.3	70.2	76.1	82.0	88.0	93.5	98.5	97.7	96.8	99.4	101.5
52.5°	59.6	65.6	71.9	77.8	83.7	88.4	92.6	92.2	91.8	94.3	97.3
55°	55.0	60.5	66.4	71.9	77.4	82.5	87.1	86.3	85.4	87.5	89.7
57.5°	49.9	55.4	60.5	66.0	71.0	75.3	79.1	77.8	76.5	79.1	81.6
60°	44.4	49.5	54.6	59.2	64.3	67.7	70.6	69.8	68.5	71.0	73.6
62.5°	39.3	44.0	48.6	52.9	57.5	60.1	62.6	61.7	60.9	63.4	66.4
65°	35.5	39.3	42.7	46.5	49.9	52.4	55.0	53.7	52.4	55.4	57.9
67.5°	31.7	34.7	38.1	41.0	44.0	46.1	48.2	47.4	46.1	48.2	50.3
70°	27.1	30.0	33.0	35.5	38.5	40.6	42.7	41.4	39.8	41.9	44.0
72.5°	22.8	25.4	27.9	30.0	32.6	34.3	35.9	34.7	33.4	35.1	36.8
75°	19.9	22.0	24.1	25.8	27.9	28.8	29.6	29.2	28.3	30.0	31.3
77.5°	16.1	17.8	19.9	21.6	23.3	23.3	23.3	23.7	23.7	25.4	27.5
80°	8.5	10.1	11.8	13.1	14.8	14.8	14.4	15.2	15.6	17.8	19.9
82.5°	0.0	1.3	2.5	3.8	5.1	4.7	3.8	4.2	4.2	5.1	5.9
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: P596971
 CATALOG NUMBER: MSA-SA2C-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: P596971
 CATALOG NUMBER: MSA-SA2C-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°	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0
2.5°	953.7	948.6	945.2	942.2	938.9	935.5	939.7	943.9	947.7	952.0	964.6
5°	948.2	948.2	945.2	942.2	939.3	936.3	942.7	948.6	954.9	960.8	960.4
7.5°	754.9	753.2	771.0	788.3	806.1	823.4	828.1	832.7	836.9	841.6	840.3
10°	655.9	679.2	686.8	694.4	702.0	709.6	718.9	728.2	737.5	746.9	750.2
12.5°	574.3	588.7	613.2	637.3	661.8	686.0	698.2	710.9	723.2	735.4	759.5
15°	473.2	487.6	508.8	529.9	551.0	572.2	591.6	611.5	631.0	650.4	679.6
17.5°	332.8	345.1	361.2	377.2	392.9	409.0	439.0	469.0	499.0	529.1	559.9
20°	228.4	230.9	238.5	246.6	254.2	261.8	288.8	316.3	343.4	370.5	411.1
22.5°	186.1	187.3	191.2	195.0	198.3	202.1	216.1	230.5	244.4	258.4	291.4
25°	164.9	164.9	167.5	170.0	172.5	175.1	182.7	190.3	197.5	205.1	226.3
27.5°	146.3	144.2	148.0	151.8	155.6	159.4	164.9	170.9	176.4	181.8	196.2
30°	140.0	137.9	142.5	147.2	151.8	156.5	162.0	167.5	172.5	178.0	187.8
32.5°	148.4	148.9	150.6	152.2	153.5	155.2	157.7	160.7	163.2	165.8	174.2
35°	118.0	118.0	121.0	123.9	126.4	129.4	134.1	138.7	143.4	148.0	156.9
37.5°	114.6	115.5	118.0	121.0	123.5	126.0	131.9	138.3	144.2	150.1	157.3
40°	111.2	112.1	115.5	118.8	122.2	125.6	131.5	137.0	142.9	148.4	155.2
42.5°	110.0	110.8	115.0	119.7	123.9	128.1	133.2	138.3	142.9	148.0	157.3
45°	108.3	110.0	115.0	120.5	125.6	130.7	135.3	140.0	144.6	149.3	160.7
47.5°	105.7	107.8	113.8	119.3	125.2	130.7	139.6	148.9	157.7	166.6	172.1
50°	104.0	106.1	112.5	118.8	125.2	131.5	145.9	160.3	174.2	188.6	185.7
52.5°	99.8	102.3	110.4	118.4	126.4	134.5	147.2	159.9	172.5	185.2	179.3
55°	91.8	93.9	103.2	112.5	121.4	130.7	140.0	149.3	158.2	167.5	160.7
57.5°	83.7	86.3	95.2	104.0	112.5	121.4	126.0	130.7	135.3	140.0	137.4
60°	76.1	78.7	90.5	102.3	114.2	126.0	121.8	117.6	112.9	108.7	111.6
62.5°	68.9	71.5	82.9	93.9	105.3	116.3	110.4	104.5	98.5	92.6	97.3
65°	60.9	63.4	67.7	72.3	76.5	80.8	80.4	79.5	79.1	78.2	83.3
67.5°	52.4	54.6	56.7	59.2	61.3	63.4	64.7	66.4	67.7	68.9	73.2
70°	45.7	47.8	50.3	52.4	55.0	57.1	57.9	58.8	59.2	60.1	63.9
72.5°	38.1	39.8	43.1	46.5	49.5	52.9	53.3	53.3	53.7	53.7	56.7
75°	33.0	34.3	36.8	39.3	41.4	44.0	45.3	46.5	47.4	48.6	50.3
77.5°	29.2	30.9	31.7	32.1	33.0	33.4	34.3	35.1	35.9	36.8	37.2
80°	21.6	23.7	24.5	25.0	25.8	26.2	26.2	25.8	25.8	25.4	25.8
82.5°	6.8	7.6	8.9	10.1	11.4	12.7	13.1	13.5	13.5	14.0	13.5
85°	1.3	1.7	2.5	3.4	3.8	4.7	4.2	3.4	3.0	2.1	1.7
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: P596971
 CATALOG NUMBER: MSA-SA2C-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: P596971

CATALOG NUMBER: MSA-SA2C-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0
2.5°	977.3	989.6	1002.3	997.2	992.1	987.1	982.0	982.8	984.1	984.9	985.8
5°	960.0	959.2	958.7	973.1	987.9	1002.3	1016.7	1032.3	1048.4	1064.0	1079.7
7.5°	839.0	837.4	836.1	854.7	873.3	891.9	910.5	932.1	954.1	975.6	997.2
10°	753.6	757.0	760.4	768.0	776.0	783.6	791.3	812.0	832.7	853.0	873.7
12.5°	783.6	807.3	831.4	836.1	840.3	845.0	849.2	852.2	855.1	858.1	861.0
15°	709.2	738.4	767.6	779.8	791.7	803.9	815.8	847.1	878.0	909.2	940.1
17.5°	590.8	621.2	652.1	688.9	725.7	762.5	799.3	833.1	867.0	900.8	934.6
20°	452.1	492.7	533.3	579.8	626.7	673.3	719.8	753.6	787.0	820.9	854.3
22.5°	324.8	357.8	390.8	447.0	502.8	559.1	614.9	673.7	732.9	791.7	850.5
25°	247.4	268.1	289.3	344.7	400.1	455.0	510.4	591.2	672.0	752.8	833.5
27.5°	210.2	224.6	238.5	288.4	338.3	387.8	437.7	533.7	629.7	725.7	821.7
30°	197.9	207.6	217.4	259.7	302.4	344.7	387.0	484.2	581.5	678.8	776.0
32.5°	182.7	190.7	199.2	236.4	273.6	310.4	347.6	442.8	537.9	632.7	727.8
35°	165.4	174.2	182.7	219.9	257.1	293.9	331.1	429.7	528.2	626.7	725.3
37.5°	164.1	171.3	178.0	221.2	264.7	307.9	351.0	449.5	548.1	646.2	744.7
40°	162.4	169.2	175.9	219.9	263.5	307.5	351.0	454.2	557.4	660.6	763.8
42.5°	166.6	175.5	184.8	223.7	262.6	301.1	340.0	448.7	557.4	665.7	774.3
45°	172.5	184.0	195.4	230.9	266.4	302.0	337.5	455.5	573.5	691.0	809.0
47.5°	178.0	183.5	189.0	222.9	256.3	290.1	323.5	444.1	564.6	685.1	805.6
50°	183.1	180.2	177.2	214.4	251.6	288.4	325.6	440.7	555.3	670.3	784.9
52.5°	173.0	167.0	160.7	200.5	240.2	279.5	319.3	435.2	551.0	666.9	782.8
55°	153.9	147.2	140.4	179.7	218.6	258.0	296.9	412.3	527.8	643.2	758.7
57.5°	134.5	131.9	129.0	159.0	189.0	218.6	248.7	376.8	505.4	633.5	761.7
60°	114.6	117.1	120.1	141.7	163.2	184.4	206.0	331.6	456.7	582.3	707.5
62.5°	101.5	106.1	110.4	128.6	147.2	165.4	183.5	302.0	420.4	538.8	657.2
65°	88.8	93.9	99.0	120.5	142.5	164.1	185.7	285.9	386.1	486.3	586.6
67.5°	77.4	81.2	85.4	113.8	142.1	170.4	198.8	280.8	362.4	444.5	526.1
70°	67.7	71.0	74.9	107.8	140.8	173.8	206.8	276.6	346.8	416.6	486.3
72.5°	59.6	62.6	65.6	99.0	132.4	165.8	199.2	261.4	323.1	385.3	447.0
75°	52.0	53.3	55.0	83.3	111.2	139.6	167.5	208.9	250.8	292.2	333.7
77.5°	37.6	37.6	38.1	46.5	54.6	63.0	71.0	96.8	122.6	148.0	173.8
80°	25.8	26.2	26.2	29.6	32.6	35.9	38.9	44.4	49.5	55.0	60.1
82.5°	13.1	12.3	11.8	15.2	18.6	22.0	25.4	26.6	27.5	28.8	29.6
85°	1.3	0.4	0.0	2.1	4.2	6.3	8.5	10.1	11.8	13.5	15.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596971
 CATALOG NUMBER: MSA-SA2C-835-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: P596971

CATALOG NUMBER: MSA-SA2C-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°	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0
2.5°	982.4	979.0	975.6	972.3	993.0	1014.1	1034.9	1055.6	1114.4	1152.8	1148.6
5°	1094.9	1110.1	1125.4	1140.6	1165.1	1190.1	1214.6	1239.1	1326.2	1379.5	1387.1
7.5°	1020.9	1044.2	1067.8	1091.1	1138.5	1185.4	1232.8	1279.7	1351.2	1406.6	1437.9
10°	900.4	927.0	953.2	979.9	1033.2	1086.9	1140.2	1193.4	1273.8	1350.3	1389.7
12.5°	902.9	944.8	986.6	1028.5	1075.0	1121.5	1167.6	1214.2	1263.2	1289.0	1344.4
15°	973.1	1006.1	1039.1	1072.1	1133.0	1193.9	1254.3	1315.2	1344.4	1406.6	1471.3
17.5°	998.9	1063.6	1127.9	1192.2	1268.3	1344.0	1420.1	1495.8	1550.8	1637.1	1703.9
20°	951.1	1048.0	1144.4	1241.2	1345.7	1450.1	1554.6	1659.1	1719.1	1801.2	1904.3
22.5°	953.2	1056.0	1158.3	1261.1	1405.3	1549.1	1693.3	1837.1	1998.2	2156.4	2206.7
25°	968.0	1102.5	1236.6	1371.1	1537.7	1704.3	1870.9	2037.6	2232.1	2398.3	2465.1
27.5°	973.1	1124.5	1275.5	1426.9	1663.7	1900.5	2137.4	2374.2	2606.4	2794.1	2865.6
30°	960.8	1146.1	1330.9	1515.7	1806.2	2096.8	2387.3	2677.8	2898.2	3116.8	3205.6
32.5°	963.8	1199.8	1435.8	1671.7	2013.9	2356.4	2698.6	3040.7	3181.5	3378.6	3535.1
35°	984.1	1242.9	1501.3	1760.1	2138.6	2517.1	2895.6	3274.1	3505.0	3713.1	3845.9
37.5°	1031.5	1318.2	1604.5	1891.2	2356.4	2822.1	3287.3	3752.4	4109.8	4467.2	4528.1
40°	1066.6	1369.4	1672.2	1975.0	2515.0	3055.1	3595.1	4135.2	4539.5	4927.3	4968.7
42.5°	1106.3	1437.9	1769.9	2101.4	2705.3	3309.2	3913.2	4517.1	4985.2	5380.6	5408.1
45°	1149.9	1491.2	1832.0	2172.9	2805.6	3437.8	4070.5	4702.7	5249.5	5708.8	5605.2
47.5°	1170.6	1535.6	1900.5	2265.5	2943.9	3621.8	4300.1	4978.0	5468.6	5873.7	5752.8
50°	1186.7	1588.0	1989.8	2391.1	3102.4	3813.8	4525.1	5236.4	5728.3	6102.1	5912.7
52.5°	1231.9	1680.6	2129.8	2578.5	3335.0	4091.2	4847.8	5603.9	6079.7	6423.1	6157.5
55°	1275.9	1792.7	2309.9	2826.7	3640.4	4454.5	5268.1	6081.8	6555.5	6849.8	6489.1
57.5°	1331.3	1901.4	2471.0	3040.7	3911.0	4781.4	5651.3	6521.6	6984.7	7309.9	6935.2
60°	1316.9	1925.9	2535.3	3144.3	4030.7	4917.1	5803.5	6690.0	7240.2	7639.8	7385.6
62.5°	1261.1	1865.0	2468.5	3072.4	3943.2	4813.5	5684.3	6554.6	7213.9	7755.3	7669.8
65°	1148.2	1709.4	2271.0	2832.2	3663.6	4495.5	5326.9	6158.4	6972.0	7661.0	7691.4
67.5°	999.8	1473.4	1946.6	2420.3	3195.9	3971.5	4746.7	5522.3	6482.7	7286.3	7376.8
70°	842.4	1198.1	1554.2	1909.8	2592.4	3275.0	3957.1	4639.7	5638.2	6446.8	6617.6
72.5°	675.4	904.2	1132.5	1360.9	1853.6	2345.9	2838.5	3330.8	4209.2	4836.8	5134.9
75°	437.7	541.7	645.8	749.8	1078.0	1405.7	1733.9	2061.7	2644.9	3107.1	3444.2
77.5°	195.0	216.1	236.8	258.0	511.3	764.6	1017.9	1271.3	1524.6	1803.7	1882.8
80°	69.8	79.1	88.8	98.1	222.4	347.2	471.5	595.9	718.5	862.7	897.8
82.5°	29.2	29.2	28.8	28.3	72.7	117.1	161.6	206.0	238.1	273.6	280.4
85°	11.8	8.9	5.5	2.1	9.3	16.9	24.1	31.3	50.3	45.7	84.6
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: P596971
 CATALOG NUMBER: MSA-SA2C-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: P596971

CATALOG NUMBER: MSA-SA2C-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0
2.5°	1132.5	1131.7	1130.9	1130.0	1129.2	1113.9	1099.1	1083.9	1069.1	1087.7	1106.3
5°	1374.9	1396.9	1418.9	1441.3	1463.3	1469.6	1475.9	1482.3	1488.6	1502.2	1515.7
7.5°	1464.1	1501.3	1538.1	1575.3	1612.1	1646.4	1680.2	1714.5	1748.7	1740.3	1731.8
10°	1433.2	1500.5	1567.7	1635.4	1702.6	1717.4	1732.2	1747.4	1762.3	1800.7	1839.2
12.5°	1399.8	1480.6	1561.4	1642.1	1722.9	1767.7	1812.2	1857.0	1901.8	1940.7	1979.6
15°	1558.4	1610.0	1661.6	1713.6	1765.2	1804.5	1843.4	1882.8	1921.7	1948.8	1975.4
17.5°	1766.9	1792.3	1817.7	1843.4	1868.8	1899.7	1930.6	1961.4	1992.3	2008.4	2024.5
20°	1987.2	1998.2	2009.2	2020.2	2031.2	2006.7	1982.2	1957.6	1933.1	1948.3	1963.1
22.5°	2208.4	2212.2	2216.5	2220.3	2224.1	2167.0	2109.9	2052.8	1995.7	1971.6	1947.5
25°	2548.9	2520.9	2493.0	2465.1	2437.2	2369.5	2301.9	2234.2	2166.5	2106.9	2047.3
27.5°	2917.6	2822.9	2728.6	2633.9	2539.6	2471.9	2404.2	2336.6	2268.9	2179.2	2089.6
30°	3289.4	3136.7	2984.5	2831.8	2679.5	2599.2	2518.8	2438.1	2357.7	2268.0	2178.8
32.5°	3630.2	3446.7	3263.1	3079.2	2895.6	2760.3	2625.0	2489.7	2354.3	2291.7	2229.1
35°	3912.7	3695.8	3478.8	3261.5	3044.5	2910.4	2776.4	2642.3	2508.3	2415.2	2322.6
37.5°	4395.7	4151.7	3907.7	3663.6	3419.6	3236.5	3053.8	2870.7	2687.6	2625.4	2563.2
40°	4841.0	4533.6	4226.1	3918.7	3611.2	3457.7	3304.6	3151.1	2998.0	2896.1	2794.6
42.5°	5195.0	4871.0	4547.5	4223.6	3899.6	3747.8	3596.4	3444.6	3292.7	3224.7	3157.0
45°	5271.5	4966.2	4661.3	4355.9	4050.6	3962.2	3874.2	3785.9	3697.9	3651.0	3604.4
47.5°	5422.5	5091.4	4760.7	4429.5	4098.4	4058.6	4018.9	3978.7	3939.0	3961.4	3983.8
50°	5507.1	5169.2	4831.3	4493.4	4155.5	4166.9	4177.9	4189.3	4200.7	4359.7	4518.3
52.5°	5671.2	5329.9	4988.6	4647.3	4306.0	4377.9	4449.4	4521.3	4592.8	4811.8	5030.5
55°	5964.2	5628.9	5293.5	4957.7	4622.4	4717.1	4811.8	4907.0	5001.7	5234.3	5466.5
57.5°	6398.6	6065.7	5733.3	5400.5	5068.1	5162.4	5256.7	5351.0	5445.3	5655.5	5865.3
60°	6945.4	6603.7	6262.4	5920.7	5579.4	5614.9	5650.0	5685.6	5721.1	5946.9	6172.3
62.5°	7371.3	7057.0	6743.2	6429.0	6115.2	6075.9	6037.0	5997.7	5958.8	6130.5	6301.7
65°	7470.2	7249.0	7028.3	6807.1	6585.9	6465.0	6344.4	6223.5	6102.5	6171.9	6241.3
67.5°	7186.9	7037.6	6888.7	6739.4	6590.2	6337.7	6085.2	5832.3	5579.8	5543.0	5506.2
70°	6529.3	6447.6	6366.4	6284.8	6203.6	5814.5	5425.9	5036.8	4648.2	4554.7	4461.2
72.5°	5152.3	5203.0	5253.8	5304.9	5355.7	4939.1	4523.0	4106.4	3689.9	3571.4	3453.5
75°	3633.2	3805.3	3977.4	4149.6	4321.7	3941.9	3562.6	3182.8	2803.0	2689.3	2575.9
77.5°	1969.9	2292.6	2615.3	2937.9	3260.6	2947.2	2634.3	2320.9	2007.5	1928.5	1849.8
80°	933.8	1119.9	1305.5	1491.6	1677.7	1607.0	1536.4	1465.4	1394.7	1412.1	1429.4
82.5°	286.3	420.8	555.3	689.8	824.2	834.8	845.0	855.5	866.1	892.3	918.1
85°	96.0	131.5	167.0	202.6	238.1	300.7	363.3	426.3	488.9	448.3	408.1
87.5°	0.0	1.3	2.1	3.4	4.2	13.1	22.0	30.9	39.8	34.3	29.2
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



REPORT NUMBER: P596971
 CATALOG NUMBER: MSA-SA2C-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: P596971

CATALOG NUMBER: MSA-SA2C-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°	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0
2.5°	1125.4	1144.0	1144.4	1145.2	1145.7	1146.1	1148.2	1150.3	1152.8	1155.0	1141.0
5°	1529.7	1543.2	1518.2	1493.3	1467.9	1443.0	1465.4	1487.8	1510.2	1532.6	1522.9
7.5°	1722.9	1714.5	1711.5	1709.0	1706.0	1703.5	1711.9	1720.4	1728.8	1737.3	1736.5
10°	1877.7	1916.2	1925.5	1934.8	1944.5	1953.8	1934.4	1914.9	1895.5	1876.0	1868.0
12.5°	2018.5	2057.4	2088.3	2119.2	2150.5	2181.4	2153.4	2126.0	2098.0	2070.6	2044.3
15°	2002.5	2029.1	2054.5	2079.9	2105.2	2130.6	2121.3	2112.4	2103.1	2093.8	2089.6
17.5°	2040.9	2057.0	2051.1	2045.2	2038.8	2032.9	2030.0	2027.4	2024.5	2021.5	2011.3
20°	1978.4	1993.6	1989.8	1986.4	1982.6	1978.8	1976.2	1973.7	1971.2	1968.6	1960.6
22.5°	1923.4	1899.3	1892.9	1887.0	1880.7	1874.7	1875.6	1876.4	1876.9	1877.7	1914.1
25°	1987.7	1928.0	1904.8	1881.5	1857.8	1834.6	1845.1	1855.3	1865.9	1876.4	1928.9
27.5°	1999.5	1909.8	1872.6	1835.4	1798.2	1761.0	1799.0	1837.1	1875.2	1913.2	1998.2
30°	2089.2	1999.9	1947.9	1896.3	1844.3	1792.7	1841.3	1890.0	1938.6	1987.2	2079.4
32.5°	2166.1	2103.5	2066.3	2029.1	1991.9	1954.7	1956.8	1958.5	1960.6	1962.7	2092.5
35°	2229.6	2136.9	2103.1	2069.7	2035.9	2002.5	2052.8	2103.1	2153.4	2203.8	2320.5
37.5°	2501.1	2438.9	2376.7	2315.0	2252.8	2191.1	2231.3	2271.4	2312.0	2352.2	2481.2
40°	2692.6	2591.1	2575.1	2559.4	2543.4	2527.7	2548.4	2568.7	2589.5	2610.2	2723.1
42.5°	3088.9	3020.8	2977.3	2934.1	2890.6	2847.4	2863.9	2880.4	2897.3	2913.8	3020.8
45°	3557.5	3510.5	3481.8	3453.0	3423.9	3395.1	3370.1	3345.6	3320.7	3296.1	3404.8
47.5°	4006.2	4028.6	4092.0	4155.1	4218.5	4281.5	4229.9	4178.3	4126.3	4074.7	4075.1
50°	4677.3	4835.9	4868.1	4899.8	4931.9	4963.7	4853.7	4743.7	4633.4	4523.4	4510.3
52.5°	5249.5	5468.2	5479.6	5491.0	5502.9	5514.3	5469.9	5425.5	5380.6	5336.2	5218.2
55°	5699.1	5931.3	5946.9	5962.1	5977.8	5993.0	5954.1	5915.6	5876.7	5837.8	5718.5
57.5°	6075.5	6285.2	6294.5	6303.4	6312.7	6322.0	6325.0	6327.9	6331.3	6334.3	6173.2
60°	6398.2	6624.0	6605.4	6587.2	6568.6	6550.4	6522.5	6494.6	6466.7	6438.8	6334.7
62.5°	6473.4	6645.1	6616.4	6588.0	6559.3	6530.9	6507.3	6484.0	6460.3	6436.6	6370.2
65°	6310.6	6380.0	6350.4	6320.8	6290.7	6261.1	6245.9	6231.1	6215.9	6200.7	6192.2
67.5°	5469.0	5432.2	5467.3	5502.4	5537.5	5572.6	5620.4	5668.2	5716.4	5764.2	5736.3
70°	4367.4	4273.9	4312.8	4351.3	4390.2	4428.7	4501.0	4573.3	4646.1	4718.4	4698.9
72.5°	3335.0	3216.6	3222.1	3227.6	3233.5	3239.0	3236.9	3235.2	3233.1	3231.0	3264.8
75°	2462.2	2348.4	2294.7	2241.0	2187.3	2133.6	2120.5	2107.3	2094.2	2081.1	2144.1
77.5°	1770.7	1692.0	1655.3	1618.9	1582.1	1545.7	1564.3	1582.9	1602.0	1620.6	1642.6
80°	1447.2	1464.5	1436.2	1408.3	1379.9	1351.6	1372.8	1393.5	1414.6	1435.8	1370.2
82.5°	944.4	970.1	883.0	795.9	708.8	621.7	674.5	727.4	780.7	833.5	806.5
85°	367.5	327.3	279.1	231.3	183.1	134.9	175.5	216.1	256.7	297.3	324.4
87.5°	23.7	18.6	14.8	11.0	6.8	3.0	6.3	9.7	13.5	16.9	28.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596971
 CATALOG NUMBER: MSA-SA2C-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: P596971

CATALOG NUMBER: MSA-SA2C-835-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0	894.0
2.5°	1127.5	1113.5	1100.0	1073.3	1046.7	1020.1	993.4	1030.6	1067.8	1105.1	1142.3
5°	1513.6	1503.9	1494.6	1497.1	1499.6	1502.6	1505.1	1510.6	1516.1	1521.2	1526.7
7.5°	1736.0	1735.2	1734.3	1714.9	1695.4	1675.6	1656.1	1665.8	1675.6	1685.3	1695.0
10°	1860.4	1852.3	1844.3	1801.6	1758.9	1715.7	1673.0	1654.4	1635.4	1616.8	1598.2
12.5°	2018.1	1991.5	1965.2	1919.6	1874.3	1828.6	1783.0	1766.1	1748.7	1731.8	1714.5
15°	2085.8	2081.5	2077.7	2045.2	2012.2	1979.6	1946.6	1888.7	1830.3	1772.4	1714.5
17.5°	2001.2	1990.6	1980.5	2032.1	2083.2	2134.8	2186.4	2126.4	2066.3	2006.3	1946.2
20°	1952.6	1944.5	1936.5	2032.5	2128.1	2224.1	2319.6	2293.0	2265.9	2239.3	2212.6
22.5°	1950.4	1987.2	2023.6	2107.8	2191.5	2275.7	2359.4	2405.5	2452.0	2498.1	2544.2
25°	1981.3	2034.2	2086.6	2226.2	2365.7	2505.7	2645.3	2698.1	2750.6	2803.4	2855.9
27.5°	2082.8	2167.8	2252.4	2374.2	2496.0	2618.2	2740.0	2855.5	2971.3	3086.8	3202.2
30°	2171.2	2263.4	2355.6	2500.6	2645.3	2790.3	2935.0	3079.6	3224.2	3368.9	3513.5
32.5°	2222.4	2352.6	2482.5	2658.8	2834.7	3011.1	3187.4	3346.0	3504.6	3662.8	3821.4
35°	2437.2	2554.4	2671.1	2866.0	3061.0	3256.4	3451.3	3647.6	3843.8	4039.6	4235.8
37.5°	2610.2	2739.6	2868.6	3081.7	3294.4	3507.6	3720.7	3991.8	4263.3	4534.4	4805.5
40°	2836.0	2948.9	3061.8	3261.5	3460.6	3660.3	3859.9	4203.7	4547.5	4890.9	5234.7
42.5°	3127.4	3234.4	3341.4	3555.0	3768.5	3982.1	4195.7	4576.3	4956.9	5337.1	5717.7
45°	3513.5	3622.6	3731.3	3901.3	4071.3	4241.3	4411.3	4816.1	5220.4	5625.1	6029.4
47.5°	4075.5	4076.0	4076.4	4199.0	4321.7	4444.7	4567.4	4975.1	5382.3	5790.0	6197.3
50°	4497.2	4483.7	4470.5	4534.0	4597.0	4660.4	4723.9	5099.0	5474.5	5849.6	6224.8
52.5°	5100.7	4982.7	4865.1	4902.8	4940.0	4977.6	5014.8	5332.4	5650.5	5968.1	6285.7
55°	5599.7	5480.4	5361.2	5347.2	5333.3	5319.3	5305.4	5597.6	5889.8	6182.0	6474.3
57.5°	6012.5	5851.3	5690.6	5658.5	5626.8	5594.6	5562.5	5870.8	6178.7	6487.0	6794.8
60°	6231.1	6127.1	6023.0	6002.3	5981.2	5960.4	5939.3	6192.2	6445.1	6698.0	6950.9
62.5°	6304.3	6237.9	6171.9	6210.8	6249.7	6289.0	6327.9	6439.2	6550.0	6661.2	6772.0
65°	6184.2	6175.7	6167.2	6247.2	6326.7	6406.6	6486.5	6459.1	6431.1	6403.6	6376.2
67.5°	5708.8	5680.9	5653.4	5828.9	6004.0	6179.5	6355.0	6221.8	6088.2	5954.9	5821.7
70°	4679.5	4659.6	4640.1	4893.0	5145.9	5399.2	5652.1	5490.6	5329.0	5167.5	5005.9
72.5°	3298.2	3332.1	3365.9	3664.1	3961.8	4259.9	4557.7	4394.8	4232.0	4069.2	3906.4
75°	2206.7	2269.7	2332.8	2639.8	2946.8	3254.3	3561.3	3370.1	3179.0	2987.8	2796.7
77.5°	1664.6	1686.6	1708.5	1902.7	2096.8	2291.3	2485.4	2327.7	2169.5	2011.8	1853.6
80°	1304.7	1238.7	1173.1	1237.0	1300.9	1364.7	1428.6	1334.3	1240.0	1146.1	1051.8
82.5°	779.4	752.4	725.3	760.0	794.2	828.9	863.6	823.0	782.0	741.4	700.3
85°	351.0	378.1	404.7	439.8	474.5	509.6	544.7	488.0	431.4	374.7	318.0
87.5°	39.3	50.7	62.2	77.0	91.8	106.6	121.4	94.7	67.7	41.0	14.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	894.0	894.0
2.5°	1163.8	1185.4
5°	1526.3	1525.4
7.5°	1669.6	1643.8
10°	1574.5	1550.8
12.5°	1654.0	1593.5
15°	1668.8	1623.1
17.5°	1871.8	1796.9
20°	2116.6	2020.2
22.5°	2412.3	2279.9
25°	2698.6	2541.2
27.5°	3107.9	3013.2
30°	3417.9	3321.9
32.5°	3756.3	3691.1
35°	4171.1	4106.0
37.5°	4822.4	4838.9
40°	5244.9	5255.0
42.5°	5757.0	5796.4
45°	6073.4	6117.3
47.5°	6258.6	6319.9
50°	6323.7	6422.7
52.5°	6407.9	6529.7
55°	6610.0	6745.8
57.5°	6903.1	7011.4
60°	6956.0	6961.0
62.5°	6693.8	6615.5
65°	6292.8	6209.5
67.5°	5771.4	5720.7
70°	4939.1	4872.3
72.5°	3782.1	3657.7
75°	2642.7	2488.8
77.5°	1772.8	1692.0
80°	1054.3	1056.4
82.5°	719.8	738.8
85°	314.2	310.0
87.5°	10.1	5.5
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



REPORT NUMBER: P596971
CATALOG NUMBER: MSA-SA2C-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)