

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: P596994

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

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P596994
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)
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
Description: MESA POST TOP DECORATIVE LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9525 lumens
Efficiency: N/A
Efficacy: 73.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

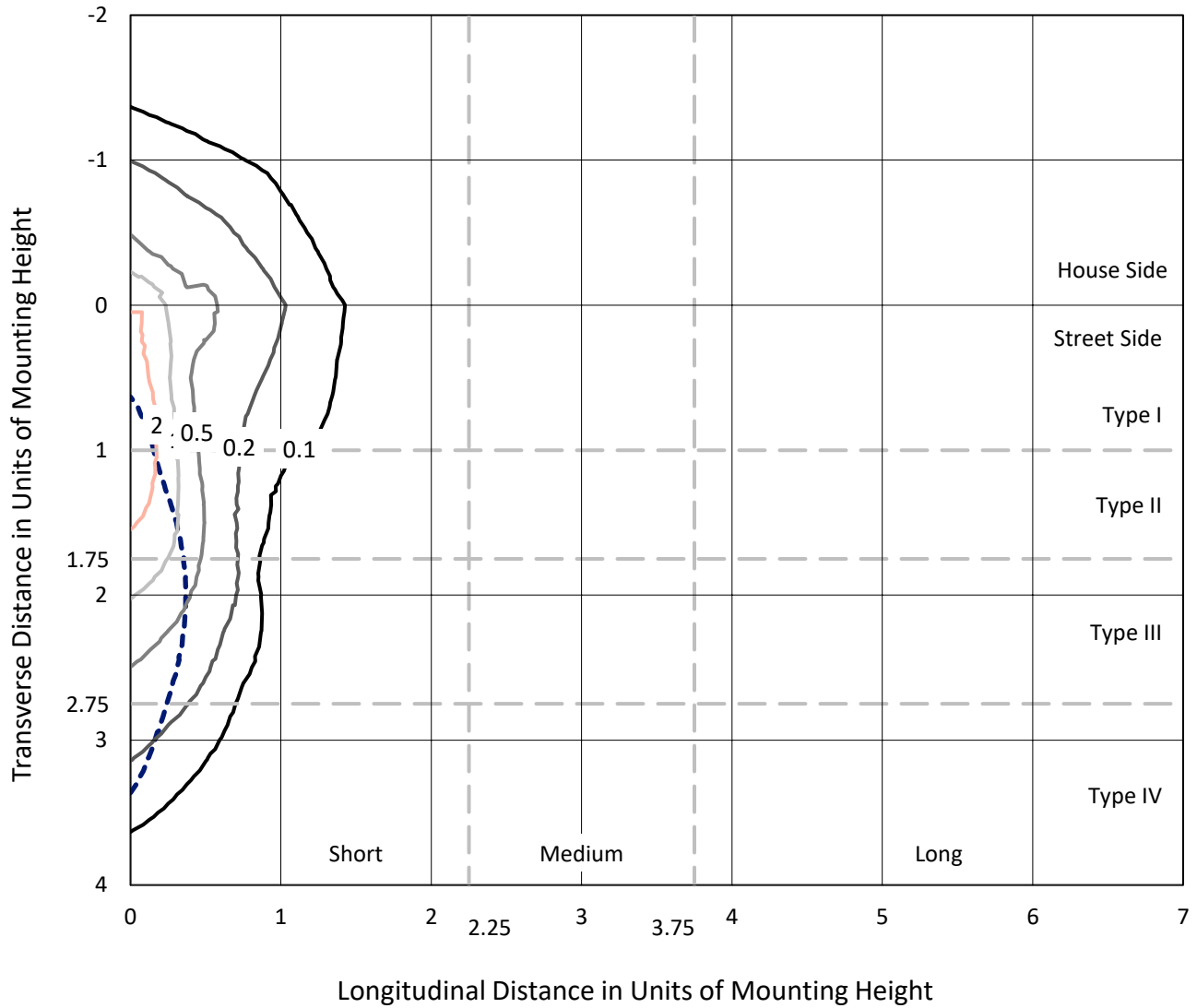
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

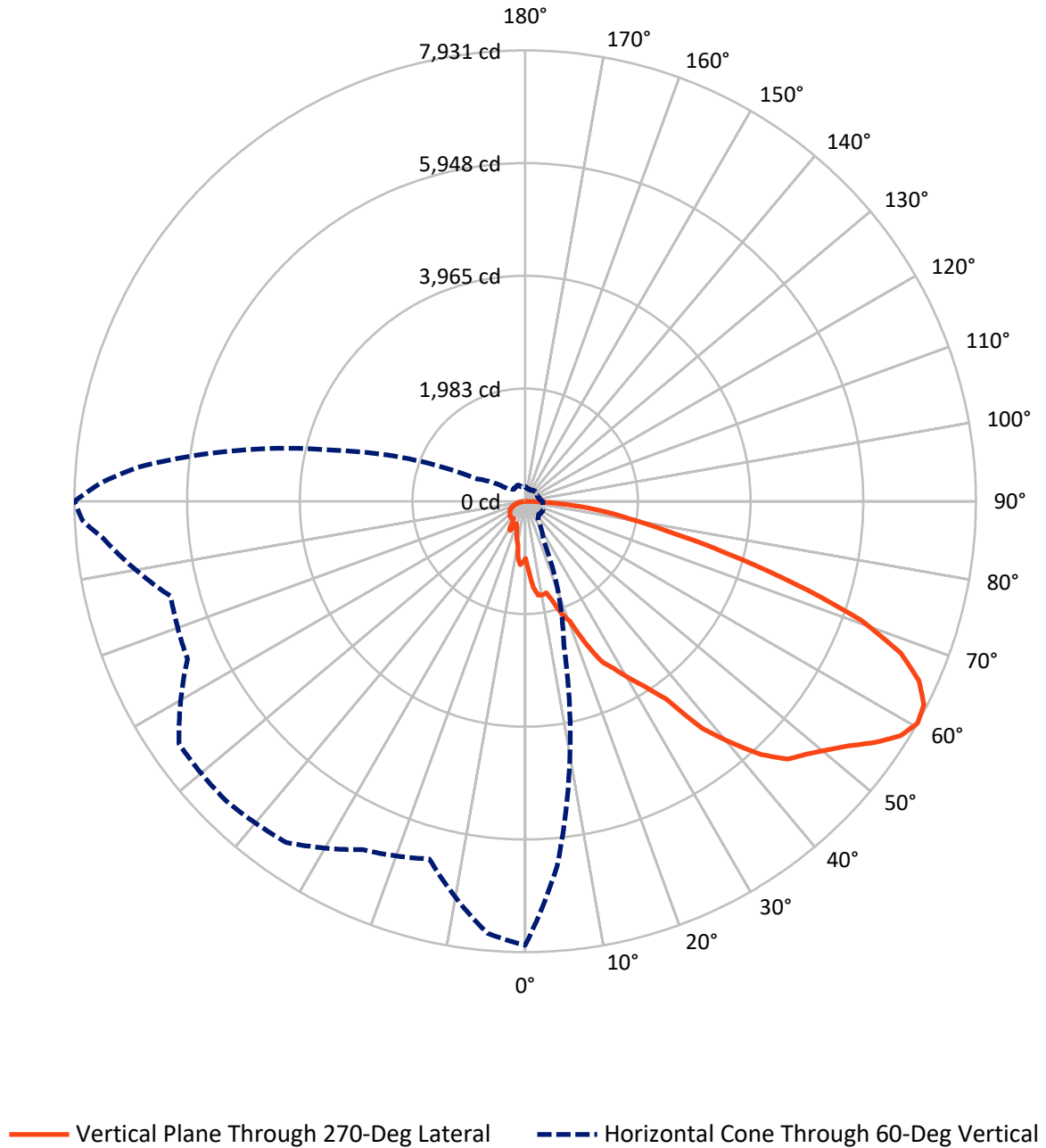
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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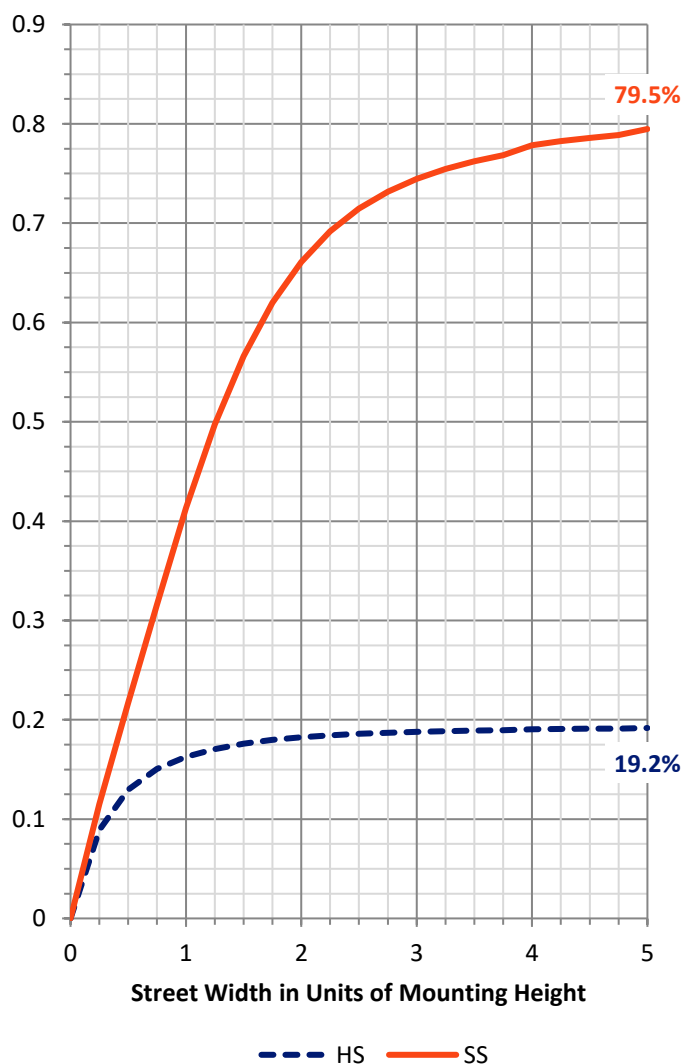
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1844.8	0.0	1844.8
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	7680.2	0.0	7680.2
	% Fixture	80.6	0.0	80.6
Total	Lumens	9525.0	0.0	9525.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.2	1.2
10°-20°	334.7	3.5
20°-30°	590.8	6.2
30°-40°	920.2	9.7
40°-50°	1514.9	15.9
50°-60°	2162.3	22.7
60°-70°	2292.8	24.1
70°-80°	1266.4	13.3
80°-90°	327.7	3.4
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°	9525.0	100.0
0°-180°	9525.0	100.0

Coefficient of Utilization



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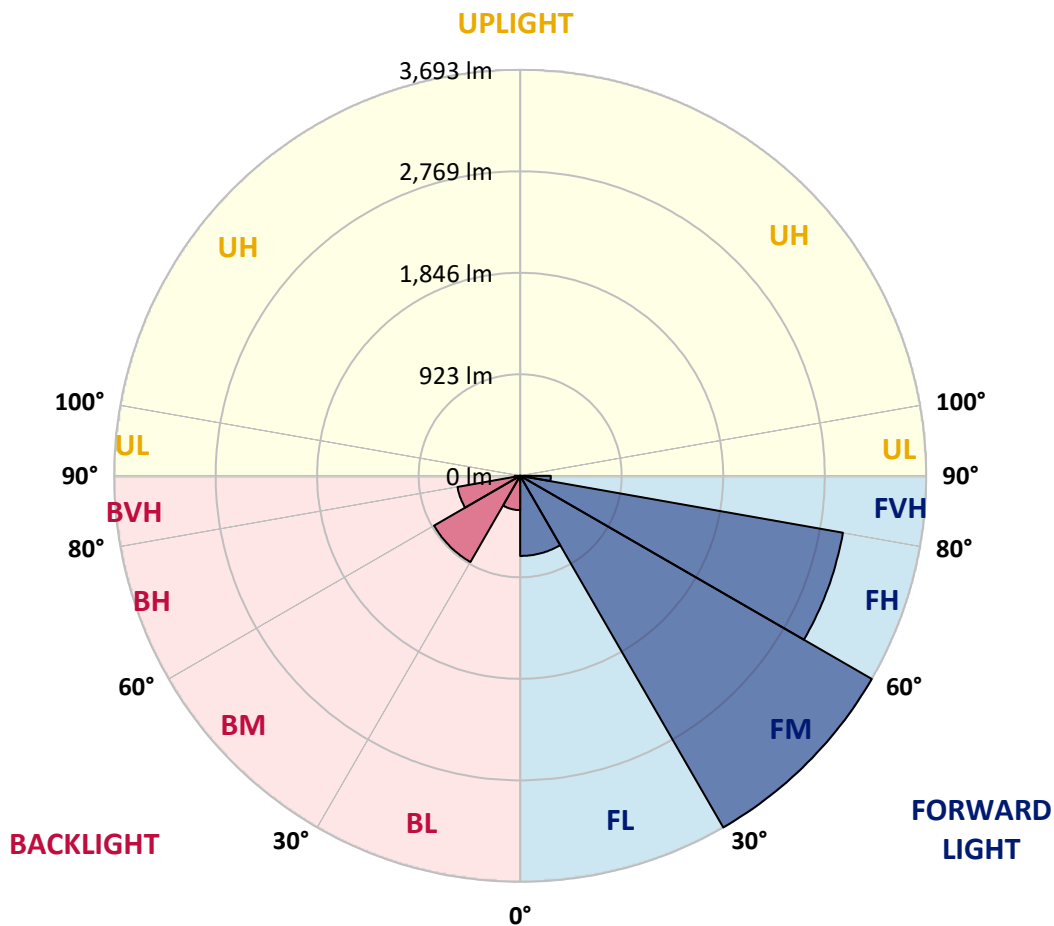
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	728.8	7.7			
FM (30°-60°)	3692.5	38.8			
FH (60°-80°)	2980.4	31.3			G2/5000
FVH (80°-90°)	278.5	2.9			G3/500
BL (0°-30°)	311.9	3.3	B1/500		
BM (30°-60°)	904.9	9.5	B1/1000		
BH (60°-80°)	578.8	6.1	B2/1000		G2/1000
BVH (80°-90°)	49.2	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

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°	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6
2.5°	1345.4	1353.7	1361.6	1345.8	1330.1	1313.9	1298.2	1274.6	1250.6	1227.0	1203.0
5°	1615.8	1585.3	1554.3	1541.9	1529.8	1517.4	1504.9	1493.3	1481.8	1469.7	1458.2
7.5°	1700.4	1657.0	1613.1	1594.6	1576.1	1557.1	1538.6	1497.0	1455.4	1413.3	1371.7
10°	1607.5	1562.2	1516.4	1498.4	1479.9	1461.9	1443.4	1392.5	1342.1	1291.3	1240.4
12.5°	1682.4	1636.2	1589.5	1532.2	1474.8	1417.0	1359.7	1331.5	1303.3	1274.6	1246.4
15°	1754.5	1692.1	1629.2	1571.9	1514.6	1456.8	1399.5	1343.1	1286.7	1230.3	1173.9
17.5°	2018.1	1914.0	1810.0	1706.5	1602.4	1498.9	1394.8	1329.7	1264.0	1198.8	1133.2
20°	2339.4	2194.7	2049.5	1892.3	1734.7	1577.5	1419.8	1337.5	1255.7	1173.4	1091.1
22.5°	2721.7	2539.1	2356.5	2158.1	1959.8	1761.0	1562.7	1443.4	1324.1	1204.4	1085.1
25°	3025.5	2849.8	2674.1	2422.6	2171.1	1919.6	1668.1	1532.6	1397.2	1261.2	1125.8
27.5°	3320.4	3040.7	2760.6	2472.5	2185.0	1896.9	1608.9	1483.6	1358.3	1233.0	1107.7
30°	3569.6	3347.7	3125.8	2749.9	2374.1	1997.7	1621.8	1467.9	1313.9	1160.0	1006.0
32.5°	3934.4	3617.7	3300.6	2908.5	2516.5	2124.4	1732.3	1535.4	1338.4	1141.5	944.5
35°	4361.1	4032.0	3702.8	3217.8	2733.3	2248.3	1763.3	1554.8	1345.8	1137.3	928.4
37.5°	5156.8	4576.6	3995.9	3466.5	2937.2	2407.3	1878.0	1635.7	1393.5	1150.7	908.5
40°	5595.6	5059.3	4523.0	3863.2	3203.5	2543.3	1883.5	1635.7	1387.4	1139.6	891.4
42.5°	6180.4	5502.2	4823.5	4110.1	3397.2	2683.8	1970.4	1695.8	1421.2	1146.1	871.5
45°	6536.9	5781.0	5024.6	4262.2	3499.8	2737.4	1975.1	1696.3	1417.5	1138.7	859.9
47.5°	6766.6	6040.8	5314.5	4493.8	3673.2	2852.1	2031.5	1735.6	1439.2	1143.3	847.0
50°	6984.4	6265.5	5546.1	4694.0	3842.4	2990.3	2138.3	1815.1	1491.9	1168.3	845.1
52.5°	7251.6	6589.6	5927.0	5013.0	4098.5	3184.5	2270.0	1918.2	1566.4	1214.5	862.7
55°	7640.4	6988.1	6335.3	5354.2	4372.7	3391.6	2410.1	2019.4	1629.2	1238.6	847.9
57.5°	7892.4	7230.8	6569.2	5568.7	4568.3	3567.3	2566.8	2134.1	1701.4	1268.2	835.4
60°	7808.7	7126.3	6443.5	5489.7	4535.9	3582.1	2628.3	2160.9	1694.0	1226.6	759.1
62.5°	7438.9	6713.5	5988.1	5133.7	4279.8	3425.4	2571.0	2095.7	1620.9	1145.6	670.4
65°	6922.0	6172.1	5421.7	4651.0	3880.3	3109.6	2338.9	1907.6	1475.8	1044.4	612.6
67.5°	6287.7	5505.9	4723.6	4041.2	3358.8	2676.0	1993.6	1632.9	1272.8	912.2	551.6
70°	5492.0	4723.6	3955.2	3364.8	2774.4	2184.0	1593.6	1322.3	1051.3	779.9	508.6
72.5°	4414.3	3751.3	3088.4	2623.7	2159.1	1694.4	1229.8	1041.2	853.0	664.4	475.7
75°	3139.7	2749.9	2360.2	1998.6	1637.1	1275.1	913.6	791.5	669.5	547.4	425.3
77.5°	2231.2	2001.4	1771.6	1488.2	1204.8	921.4	638.0	566.4	495.2	423.5	351.8
80°	1649.6	1457.7	1265.9	1052.3	838.7	625.1	411.5	376.3	341.7	306.5	271.4
82.5°	1086.0	999.6	912.6	743.4	574.2	405.0	235.8	222.8	209.9	197.0	184.0
85°	486.4	513.6	540.5	436.9	332.9	229.3	125.3	119.3	113.3	107.3	101.2
87.5°	46.7	68.9	91.1	78.1	64.7	51.8	38.4	37.9	37.9	37.4	37.0
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°	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6
2.5°	1209.5	1215.9	1222.4	1228.9	1221.9	1215.0	1207.6	1200.7	1191.9	1183.1	1173.9
5°	1438.8	1418.9	1399.5	1379.6	1350.0	1320.4	1290.4	1260.8	1257.1	1252.9	1249.2
7.5°	1335.2	1299.1	1262.6	1226.1	1179.9	1134.1	1087.9	1041.6	1027.8	1013.9	1000.0
10°	1215.9	1191.0	1166.5	1141.5	1112.8	1084.2	1055.0	1026.4	988.5	950.1	912.2
12.5°	1205.8	1165.1	1123.9	1083.2	1065.7	1048.1	1030.5	1013.0	979.7	946.4	912.6
15°	1141.0	1107.7	1074.9	1041.6	1016.2	990.8	965.3	939.9	913.1	885.8	859.0
17.5°	1095.3	1057.3	1019.4	981.5	952.4	923.3	893.7	864.6	832.2	799.4	767.0
20°	1047.6	1004.6	961.2	917.7	880.7	844.2	807.2	770.2	734.6	699.5	663.9
22.5°	1028.2	971.4	914.5	857.6	818.8	779.5	740.6	701.4	668.5	635.7	602.9
25°	1057.8	990.3	922.3	854.4	802.1	749.4	697.2	644.5	617.2	589.9	562.2
27.5°	1023.1	938.1	853.5	768.4	712.4	656.0	600.1	543.7	539.5	535.4	530.8
30°	916.8	827.6	738.3	649.1	597.8	546.0	494.7	442.9	433.2	423.0	413.3
32.5°	853.5	762.4	671.3	580.2	534.5	488.2	442.4	396.2	385.1	374.0	362.9
35°	829.4	730.5	631.5	532.6	493.3	454.0	414.7	375.4	367.6	360.2	352.3
37.5°	810.0	712.0	613.5	515.0	477.1	439.2	400.8	362.9	356.9	350.9	344.9
40°	791.5	692.1	592.2	492.4	458.6	425.3	391.6	357.8	354.1	350.4	346.3
42.5°	774.9	678.2	581.1	484.5	454.5	424.9	394.8	364.8	361.1	357.4	353.7
45°	765.6	671.3	577.0	482.7	460.9	439.2	417.0	395.3	386.5	377.7	368.5
47.5°	758.7	670.4	582.1	493.8	471.1	448.5	425.8	403.2	395.3	387.4	379.1
50°	760.1	675.5	590.4	505.3	478.0	450.3	423.0	395.3	394.4	393.4	392.5
52.5°	772.6	682.9	592.7	502.6	473.0	443.4	413.3	383.7	389.7	395.3	401.3
55°	754.5	661.1	567.3	473.9	445.7	417.9	389.7	361.5	369.4	376.8	384.7
57.5°	734.2	632.9	531.7	430.4	409.2	387.9	366.2	344.9	353.2	362.0	370.3
60°	666.7	574.2	481.7	389.3	374.9	360.6	346.3	332.0	335.7	339.3	343.0
62.5°	592.7	514.6	436.9	358.8	347.7	336.1	325.0	313.5	313.5	313.9	313.9
65°	545.5	478.5	411.5	344.4	332.0	319.5	306.5	294.0	292.2	290.3	288.5
67.5°	498.4	445.7	392.5	339.3	321.3	303.7	285.7	267.7	265.4	263.5	261.2
70°	461.4	414.2	367.1	319.9	299.6	279.7	259.4	239.0	237.2	235.8	233.9
72.5°	431.4	387.4	343.0	298.7	277.4	255.7	234.4	212.7	211.3	209.9	208.0
75°	386.0	347.2	307.9	268.6	247.8	227.5	206.7	185.9	184.0	182.6	180.8
77.5°	319.5	286.6	254.3	221.5	205.3	189.6	173.4	157.2	156.3	155.3	154.0
80°	246.0	220.5	194.6	169.2	158.6	147.5	136.8	125.8	125.3	124.8	123.9
82.5°	168.7	153.5	138.2	123.0	115.1	106.8	98.9	90.6	91.1	91.5	92.0
85°	96.2	90.6	85.5	80.0	73.5	67.5	61.0	54.6	55.9	57.3	58.3
87.5°	35.1	33.3	31.4	29.6	26.4	23.6	20.3	17.1	18.0	19.4	20.3
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: P596994
 CATALOG NUMBER: MSA-SA2D-835-U-SLR

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: P596994

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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6
2.5°	1165.1	1151.2	1137.3	1123.5	1109.6	1080.9	1052.7	1024.1	995.4	1013.0	1031.0
5°	1245.0	1221.5	1197.4	1173.9	1149.8	1136.4	1123.0	1109.6	1096.2	1103.1	1110.5
7.5°	986.1	972.3	957.9	944.1	929.7	923.7	918.2	912.2	906.2	923.3	940.4
10°	873.8	854.4	835.0	815.1	795.7	784.1	772.6	761.0	749.4	754.1	758.7
12.5°	879.3	850.7	822.0	793.4	764.7	747.6	730.5	713.4	696.3	700.4	704.6
15°	831.7	802.1	772.6	743.0	713.4	693.5	673.1	653.3	632.9	626.0	618.6
17.5°	734.2	701.8	669.5	637.1	604.7	591.3	577.9	564.5	551.1	543.7	536.3
20°	628.3	598.3	568.2	538.2	508.1	498.9	489.6	479.9	470.7	466.0	460.9
22.5°	570.1	551.6	532.6	514.1	495.2	484.5	474.3	463.7	453.1	448.0	442.4
25°	534.9	538.6	542.8	546.5	550.2	545.5	540.5	535.8	530.8	532.6	534.0
27.5°	526.6	534.5	542.8	550.6	558.5	562.7	566.8	571.0	575.1	576.5	577.9
30°	403.2	407.3	411.0	415.2	418.9	430.4	442.0	453.1	464.6	482.7	501.2
32.5°	351.8	350.4	349.1	347.2	345.8	348.6	351.4	353.7	356.5	362.9	369.9
35°	344.4	341.2	337.5	334.3	330.6	332.0	333.3	334.7	336.1	341.2	346.3
37.5°	338.9	337.5	336.6	335.2	333.8	337.0	339.8	343.0	345.8	350.0	354.1
40°	342.6	342.1	341.7	340.7	340.3	342.1	344.0	345.8	347.7	353.2	358.8
42.5°	350.0	350.0	349.5	349.5	349.1	350.9	352.3	354.1	355.5	358.8	362.0
45°	359.7	358.8	358.3	357.4	356.5	356.0	356.0	355.5	355.1	356.9	359.2
47.5°	371.2	368.0	364.3	361.1	357.4	356.5	355.1	354.1	352.8	353.7	354.6
50°	391.6	382.8	374.5	365.7	356.9	354.6	352.3	350.0	347.7	347.2	347.2
52.5°	406.8	393.9	381.0	368.0	355.1	350.9	346.7	342.6	338.4	337.5	337.0
55°	392.1	382.3	373.1	363.4	353.7	347.7	341.2	335.2	328.7	327.3	325.9
57.5°	378.6	372.6	366.6	360.6	354.6	348.6	342.1	336.1	329.6	326.4	323.2
60°	346.7	346.7	347.2	347.2	347.2	340.7	334.3	327.8	321.3	318.1	315.3
62.5°	313.9	319.0	323.6	328.7	333.3	324.6	315.3	306.5	297.3	295.0	293.1
65°	286.6	288.0	289.9	291.3	292.7	285.7	278.8	271.8	264.9	263.5	261.7
67.5°	258.9	258.4	258.0	257.1	256.6	252.4	247.8	243.6	239.0	237.2	235.3
70°	232.1	231.6	231.2	230.2	229.8	226.1	222.4	218.7	215.0	213.6	212.2
72.5°	206.7	206.2	205.3	204.8	203.9	200.7	197.9	194.6	191.4	189.6	187.7
75°	178.9	178.0	177.1	176.1	175.2	172.4	169.7	166.4	163.7	161.8	160.0
77.5°	153.0	151.6	150.3	148.4	147.0	144.7	141.9	139.6	136.8	134.5	132.7
80°	123.4	122.5	121.6	120.2	119.3	117.0	114.7	111.9	109.6	106.8	104.5
82.5°	92.5	92.0	91.1	90.6	89.7	87.4	85.1	82.8	80.4	77.7	74.9
85°	59.6	59.2	58.7	58.3	57.8	55.9	54.6	52.7	50.9	48.1	45.8
87.5°	21.3	20.3	19.9	19.0	18.0	17.6	16.6	16.2	15.3	13.9	12.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596994
 CATALOG NUMBER: MSA-SA2D-835-U-SLR

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: P596994

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

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6
2.5°	1048.6	1066.1	1066.6	1066.6	1074.9	1082.8	1066.6	1050.4	1033.8	1017.6	1001.4
5°	1117.4	1124.4	1122.5	1120.2	1110.1	1099.9	1089.2	1078.6	1068.0	1057.3	1057.8
7.5°	957.5	974.6	988.5	1001.9	988.9	976.0	969.0	962.1	955.2	948.2	947.3
10°	762.8	767.5	773.0	778.1	770.2	761.9	775.8	789.7	803.1	816.9	801.7
12.5°	708.7	712.9	703.2	693.0	689.8	686.6	683.3	679.6	676.4	672.7	670.8
15°	611.7	604.3	596.9	589.0	587.2	584.8	582.5	579.8	577.4	574.7	566.4
17.5°	528.9	521.5	509.0	496.1	491.0	485.4	484.1	482.7	480.8	479.4	471.6
20°	456.3	451.2	448.0	444.3	439.2	434.1	429.0	424.0	418.4	413.3	405.9
22.5°	437.4	431.8	427.7	423.0	422.1	421.2	411.9	402.2	393.0	383.3	379.1
25°	535.8	537.2	511.8	485.9	483.6	481.3	464.6	447.5	430.9	413.8	399.5
27.5°	578.8	580.2	579.3	578.4	571.0	563.1	534.9	506.2	478.0	449.4	429.0
30°	519.2	537.2	544.2	551.1	546.0	540.5	510.9	481.7	452.2	422.6	409.2
32.5°	376.3	382.8	394.4	405.5	411.5	417.0	407.8	398.5	389.3	380.0	377.7
35°	350.9	356.0	358.3	360.6	356.9	353.2	346.3	339.3	332.0	325.0	323.6
37.5°	357.8	362.0	366.6	371.2	361.1	350.4	342.6	335.2	327.3	319.5	313.0
40°	364.3	369.9	372.6	375.4	365.2	355.1	345.4	336.1	326.4	316.7	310.2
42.5°	365.2	368.5	373.6	378.6	364.3	349.5	340.7	331.5	322.7	313.5	307.0
45°	361.1	362.9	367.6	372.2	355.5	338.4	330.6	322.2	314.4	306.1	300.5
47.5°	355.1	356.0	359.7	362.9	345.4	327.3	319.9	312.5	304.7	297.3	291.7
50°	346.7	346.3	349.1	351.4	333.3	315.3	307.9	301.0	293.6	286.2	281.6
52.5°	336.1	335.2	338.0	340.3	321.3	302.4	295.9	289.9	283.4	276.9	273.2
55°	324.1	322.7	325.0	327.3	308.8	289.9	284.3	278.3	272.8	266.8	263.5
57.5°	319.5	316.2	317.6	319.0	298.2	277.4	271.8	266.3	260.8	255.2	252.9
60°	312.1	308.8	310.2	311.1	289.0	266.3	261.2	255.7	250.6	245.0	242.7
62.5°	290.8	288.5	290.3	292.2	272.3	252.0	247.3	243.2	238.6	233.9	230.7
65°	260.3	258.4	262.1	265.8	248.7	231.6	228.9	226.1	222.8	220.1	216.8
67.5°	233.5	231.6	235.3	239.0	226.5	214.1	211.3	208.5	205.7	203.0	201.1
70°	210.8	209.4	212.7	215.9	205.3	194.6	191.9	189.6	186.8	184.0	182.6
72.5°	185.4	183.5	187.7	191.4	182.6	173.4	171.1	168.3	166.0	163.2	162.3
75°	158.1	156.3	160.0	163.2	157.2	150.7	148.4	146.1	143.8	141.5	141.0
77.5°	130.4	128.1	131.8	135.0	131.3	127.1	125.3	123.0	121.1	118.8	118.8
80°	101.7	98.9	101.7	104.0	102.6	101.2	99.9	98.0	96.6	94.8	95.2
82.5°	72.1	69.3	70.7	72.1	73.0	74.0	74.0	74.0	74.0	74.0	74.0
85°	43.0	40.2	40.7	41.1	42.5	43.9	44.4	44.8	45.3	45.8	46.2
87.5°	11.1	9.7	8.8	7.4	8.8	9.7	10.6	11.1	12.0	12.5	12.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596994
 CATALOG NUMBER: MSA-SA2D-835-U-SLR

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: P596994
 CATALOG NUMBER: MSA-SA2D-835-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6
2.5°	985.2	968.6	952.4	962.6	972.3	982.4	992.2	992.6	992.6	993.1	993.1
5°	1058.7	1059.2	1059.7	1049.9	1040.7	1031.0	1021.3	1016.2	1011.1	1005.6	1000.5
7.5°	945.9	945.0	943.6	934.4	925.1	915.9	906.6	884.4	861.8	839.6	816.9
10°	786.0	770.7	755.0	751.3	748.0	744.3	740.6	734.6	729.1	723.1	717.1
12.5°	669.0	667.1	665.3	655.6	645.9	635.7	626.0	626.0	626.0	626.0	626.0
15°	557.6	549.2	540.5	535.8	530.8	526.1	521.0	518.7	516.4	514.1	511.8
17.5°	463.3	455.4	447.1	446.1	445.2	444.3	443.4	441.1	438.7	436.4	434.1
20°	398.5	391.1	383.7	386.5	389.3	391.6	394.4	392.1	389.7	387.0	384.7
22.5°	374.5	370.3	365.7	363.4	361.1	358.3	356.0	356.0	356.5	356.5	356.5
25°	385.6	371.2	356.9	350.0	343.0	335.7	328.7	325.9	323.6	320.9	318.1
27.5°	408.7	387.9	367.6	355.5	343.5	331.5	319.5	314.4	308.8	303.7	298.2
30°	395.3	381.9	368.0	354.1	340.3	326.4	312.5	306.1	299.6	292.7	286.2
32.5°	375.4	372.6	370.3	357.4	344.4	331.0	318.1	315.3	313.0	310.2	307.4
35°	321.8	320.4	318.5	315.3	312.1	308.8	305.6	301.9	298.2	294.5	290.8
37.5°	307.0	300.5	294.0	292.7	291.3	289.9	288.5	287.1	285.7	283.9	282.5
40°	303.7	297.3	290.8	288.5	286.2	283.4	281.1	281.6	282.5	282.9	283.4
42.5°	300.1	293.6	286.6	284.8	282.9	281.1	279.2	279.7	280.6	281.1	281.6
45°	295.4	289.9	284.3	281.1	278.3	275.1	271.8	274.6	277.4	279.7	282.5
47.5°	286.2	280.2	274.6	272.8	270.9	268.6	266.8	269.5	272.3	274.6	277.4
50°	276.5	271.8	266.8	266.3	265.8	264.9	264.5	266.3	268.2	270.0	271.8
52.5°	269.1	265.4	261.2	261.2	260.8	260.8	260.3	262.1	264.0	265.4	267.2
55°	260.8	257.5	254.3	254.7	255.7	256.1	256.6	258.4	260.8	262.6	264.5
57.5°	250.1	247.8	245.0	246.9	248.3	250.1	251.5	252.9	254.7	256.1	257.5
60°	239.9	237.6	234.9	236.7	239.0	240.9	242.7	244.1	245.5	246.9	248.3
62.5°	227.5	223.8	220.5	223.3	225.6	228.4	230.7	231.6	233.0	233.9	234.9
65°	214.1	210.8	207.6	209.4	211.3	212.7	214.5	215.9	217.3	218.7	220.1
67.5°	198.8	197.0	194.6	196.0	197.4	198.8	200.2	200.7	200.7	201.1	201.1
70°	180.8	179.4	177.5	178.5	179.8	180.8	181.7	181.7	181.7	181.2	181.2
72.5°	161.8	160.9	160.0	160.4	161.4	161.8	162.3	161.8	161.4	160.9	160.4
75°	140.5	140.1	139.6	140.1	141.0	141.5	141.9	141.5	140.5	140.1	139.2
77.5°	119.3	119.3	119.3	119.3	119.7	119.7	119.7	118.8	117.9	117.0	116.0
80°	95.7	96.2	96.6	96.6	96.6	96.6	96.6	95.7	94.8	93.4	92.5
82.5°	74.0	74.0	74.0	74.0	74.4	74.4	74.4	72.1	70.3	68.0	65.7
85°	46.2	46.7	46.7	47.2	47.6	47.6	48.1	44.8	42.1	38.8	35.6
87.5°	12.5	12.5	12.5	12.5	12.5	12.0	12.0	9.2	6.0	3.2	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



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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: P596994
 CATALOG NUMBER: MSA-SA2D-835-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6
2.5°	995.9	998.6	1000.9	1003.7	1004.2	1004.6	1004.6	1005.1	995.4	985.7	975.5
5°	1007.4	1013.9	1020.8	1027.3	1025.9	1024.5	1023.1	1021.7	1019.0	1016.7	1013.9
7.5°	811.8	807.2	802.1	797.1	801.2	805.4	809.5	813.7	815.5	817.4	818.8
10°	705.5	694.0	682.4	670.8	664.4	657.4	651.0	644.0	643.1	642.6	641.7
12.5°	614.0	601.5	589.5	577.0	573.3	569.1	565.4	561.3	565.0	568.7	571.9
15°	506.7	502.1	497.0	491.9	496.1	500.2	504.4	508.6	512.3	515.5	519.2
17.5°	431.8	430.0	427.7	425.3	429.0	433.2	436.9	440.6	448.9	457.2	465.6
20°	382.8	381.4	379.6	377.7	376.3	374.5	373.1	371.2	383.3	394.8	406.8
22.5°	353.7	350.9	348.1	345.4	345.8	346.3	346.3	346.7	356.5	366.6	376.3
25°	317.2	316.2	315.3	314.4	317.2	319.9	322.2	325.0	333.8	342.6	350.9
27.5°	298.7	299.1	299.6	300.1	303.7	307.9	311.6	315.3	321.3	327.3	333.3
30°	288.5	291.3	293.6	295.9	297.3	298.7	300.1	301.4	307.4	313.0	319.0
32.5°	303.7	300.1	295.9	292.2	294.0	296.4	298.2	300.1	305.6	311.1	316.7
35°	289.4	287.6	286.2	284.3	286.6	289.0	290.8	293.1	298.2	302.8	307.9
37.5°	282.0	281.6	281.1	280.6	282.0	283.4	284.3	285.7	290.3	295.0	299.1
40°	281.6	279.2	277.4	275.1	276.5	277.9	278.8	280.2	285.7	291.3	296.8
42.5°	278.8	276.0	272.8	270.0	271.4	273.2	274.6	276.0	282.0	287.6	293.6
45°	278.3	274.2	269.5	265.4	267.2	269.1	270.9	272.8	277.4	282.0	286.2
47.5°	273.2	269.1	264.9	260.8	261.7	262.6	263.1	264.0	268.2	271.8	276.0
50°	269.1	265.8	263.1	259.8	258.4	257.5	256.1	254.7	258.0	261.2	264.5
52.5°	264.0	260.8	257.1	253.8	252.0	250.1	248.3	246.4	249.2	251.5	254.3
55°	260.8	256.6	252.9	248.7	246.4	244.1	241.8	239.5	241.3	242.7	244.6
57.5°	253.8	250.1	246.0	242.3	239.5	236.7	233.5	230.7	231.6	232.6	233.5
60°	244.6	240.4	236.7	232.6	229.3	226.1	222.4	219.1	219.6	220.5	221.0
62.5°	231.2	227.5	223.3	219.6	215.9	212.7	209.0	205.3	206.2	206.7	207.6
65°	216.4	212.2	208.5	204.3	201.1	197.9	194.2	190.9	191.9	192.8	193.3
67.5°	198.3	195.1	192.3	189.1	186.3	183.1	180.3	177.1	177.5	178.0	178.5
70°	178.9	176.1	173.8	171.1	168.7	166.4	164.1	161.8	161.8	162.3	162.3
72.5°	158.1	155.8	153.5	151.2	148.9	147.0	144.7	142.4	143.3	144.2	144.7
75°	136.8	135.0	132.7	130.4	128.5	126.7	124.4	122.5	123.4	124.4	124.8
77.5°	114.7	113.3	111.4	110.0	108.2	106.3	104.0	102.2	103.1	104.0	104.5
80°	91.5	90.6	89.2	88.3	86.5	84.6	82.8	80.9	81.4	81.4	81.8
82.5°	66.1	66.6	66.6	67.0	65.7	63.8	62.4	60.6	60.6	60.6	60.1
85°	37.0	38.8	40.2	41.6	40.2	38.8	37.4	36.1	35.6	35.6	35.1
87.5°	1.4	2.3	3.7	4.6	4.2	3.7	2.8	2.3	2.8	3.2	3.2
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: P596994
 CATALOG NUMBER: MSA-SA2D-835-U-SLR

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: P596994
 CATALOG NUMBER: MSA-SA2D-835-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6
2.5°	965.8	973.7	981.5	989.4	997.2	1009.3	1021.3	1033.8	1046.2	1039.3	1031.9
5°	1011.1	1015.7	1020.8	1025.4	1030.1	1043.5	1056.4	1072.6	1088.3	1086.5	1084.2
7.5°	820.6	827.1	833.6	839.6	846.1	866.4	886.7	903.9	921.0	918.6	915.9
10°	640.8	654.2	668.1	681.5	694.9	711.5	727.7	742.0	756.4	780.4	804.0
12.5°	575.6	596.4	617.2	638.0	658.8	670.8	682.4	700.9	719.4	732.3	745.7
15°	522.4	541.8	561.3	580.7	600.1	601.0	602.0	621.4	640.8	651.9	662.5
17.5°	473.9	484.5	495.2	505.3	516.0	512.3	508.6	517.8	526.6	531.2	536.3
20°	418.4	425.8	433.2	440.6	448.0	453.1	457.7	463.3	468.3	463.7	458.6
22.5°	386.0	397.1	408.7	419.8	430.9	434.1	436.9	433.7	430.4	429.0	427.7
25°	359.7	373.1	387.0	400.4	413.8	420.3	426.7	429.5	431.8	426.7	421.6
27.5°	339.3	355.5	371.2	387.4	403.2	414.7	426.3	429.5	432.3	428.6	424.4
30°	324.6	342.1	359.7	377.3	394.8	412.4	429.5	444.8	459.6	458.2	456.8
32.5°	322.2	334.3	346.3	358.3	370.3	381.4	392.1	393.0	393.4	389.7	385.6
35°	312.5	320.4	328.3	336.1	344.0	350.9	357.4	356.5	355.5	351.8	348.1
37.5°	303.7	311.6	319.9	327.8	335.7	347.7	359.2	356.9	354.1	350.4	346.7
40°	302.4	311.1	319.9	328.3	337.0	348.1	359.2	356.9	354.6	350.0	345.4
42.5°	299.1	307.9	316.2	325.0	333.3	346.7	359.7	355.5	350.9	347.2	343.5
45°	290.8	298.7	306.5	314.4	322.2	336.6	350.9	345.8	340.7	339.3	337.5
47.5°	279.7	287.6	295.4	303.3	311.1	325.5	339.3	335.2	330.6	330.1	329.2
50°	267.7	275.1	282.9	290.3	297.7	312.1	325.9	322.2	318.5	319.0	319.0
52.5°	256.6	263.5	270.0	276.9	283.4	297.7	311.6	308.8	305.6	306.5	307.0
55°	246.0	251.5	257.1	262.6	268.2	282.0	295.9	291.7	287.6	289.0	290.3
57.5°	234.4	239.0	243.6	247.8	252.4	266.3	279.7	275.1	270.0	272.3	274.2
60°	221.5	225.6	229.8	233.5	237.6	250.1	262.1	258.0	253.4	256.6	259.4
62.5°	208.0	211.3	214.5	217.8	221.0	232.6	244.1	240.9	237.6	241.3	244.6
65°	194.2	196.5	199.3	201.6	203.9	215.0	225.6	223.3	221.0	224.2	227.5
67.5°	178.9	180.8	183.1	184.9	186.8	197.0	207.1	204.8	202.0	204.8	207.1
70°	162.3	164.1	165.5	167.4	168.7	178.0	187.2	184.0	180.3	183.1	185.4
72.5°	145.6	146.6	147.9	148.9	149.8	156.7	163.7	160.9	158.1	160.9	163.2
75°	125.8	126.7	127.6	128.5	129.5	135.5	141.0	137.8	134.1	136.8	139.6
77.5°	105.4	105.9	106.8	107.3	107.7	111.9	115.6	112.3	108.6	111.9	115.1
80°	81.8	82.3	82.8	82.8	83.2	84.6	86.0	83.7	80.9	85.1	89.2
82.5°	60.1	59.6	59.6	59.2	58.7	58.7	58.3	56.9	55.0	58.7	62.4
85°	34.7	34.2	33.3	32.8	31.9	30.5	29.1	28.7	28.2	31.4	34.7
87.5°	3.7	3.2	2.3	1.8	0.9	0.5	0.0	0.0	0.0	1.8	4.2
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: P596994
 CATALOG NUMBER: MSA-SA2D-835-U-SLR

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: P596994

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

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6
2.5°	1025.0	1017.6	1010.6	1003.7	996.8	989.8	1002.8	1015.7	1028.7	1041.6	1053.2
5°	1082.3	1080.0	1074.0	1068.4	1062.4	1056.4	1059.7	1063.4	1066.6	1069.8	1076.8
7.5°	913.6	910.8	923.7	936.2	949.2	961.6	964.9	967.7	970.9	973.7	971.8
10°	828.0	851.6	857.6	863.2	869.2	874.7	884.0	893.2	902.0	911.2	916.3
12.5°	758.7	771.6	792.9	814.6	835.9	857.2	871.0	884.9	898.8	912.6	941.3
15°	673.6	684.2	700.4	716.6	732.8	749.0	768.9	789.2	809.1	829.0	860.4
17.5°	540.9	545.5	557.6	569.6	581.1	593.2	620.0	646.3	673.1	699.5	735.6
20°	454.0	448.9	448.9	449.4	449.4	449.4	476.2	502.6	529.4	555.7	603.3
22.5°	425.8	424.4	419.3	413.8	408.7	403.2	417.0	431.4	445.2	459.1	497.9
25°	416.1	411.0	404.5	398.1	391.6	385.1	393.9	402.7	411.5	420.3	450.8
27.5°	420.7	416.6	419.8	422.6	425.8	428.6	431.4	434.1	436.9	439.7	450.3
30°	455.4	454.0	459.1	463.7	468.8	473.4	467.0	460.9	454.5	448.0	451.7
32.5°	381.9	377.7	375.9	374.0	372.2	370.3	369.9	369.4	368.5	368.0	376.3
35°	344.4	340.7	338.0	335.2	332.0	329.2	330.6	331.5	332.9	333.8	343.0
37.5°	343.0	339.3	336.1	332.9	329.2	325.9	327.3	329.2	330.6	332.0	338.9
40°	340.7	336.1	334.3	332.4	330.6	328.7	329.6	330.6	331.0	332.0	337.0
42.5°	339.3	335.7	334.7	333.8	332.9	332.0	332.9	333.8	334.3	335.2	341.2
45°	336.1	334.3	335.2	336.1	337.0	338.0	338.0	338.0	338.0	338.0	344.4
47.5°	328.7	327.8	330.6	333.3	336.1	338.9	343.5	348.1	352.3	356.9	358.3
50°	319.5	319.5	324.1	328.7	332.9	337.5	348.6	359.2	370.3	381.0	374.0
52.5°	307.9	308.4	315.3	321.8	328.7	335.2	345.4	355.5	365.2	375.4	365.2
55°	291.3	292.7	301.4	309.8	318.5	326.9	334.7	342.6	350.4	358.3	347.7
57.5°	276.5	278.3	287.6	296.4	305.6	314.4	319.0	324.1	328.7	333.3	326.4
60°	262.6	265.4	277.4	289.4	301.0	313.0	309.3	305.6	301.4	297.7	297.3
62.5°	248.3	251.5	262.6	273.7	284.3	295.4	289.9	284.3	278.3	272.8	275.1
65°	230.2	233.5	238.6	243.6	248.3	253.4	252.9	252.9	252.4	252.0	256.6
67.5°	209.9	212.2	215.4	218.2	221.5	224.2	226.1	228.4	230.2	232.1	237.6
70°	188.2	190.5	193.7	196.5	199.7	202.5	204.8	207.1	209.0	211.3	216.8
72.5°	166.0	168.3	171.5	174.8	177.5	180.8	182.6	184.5	185.9	187.7	192.3
75°	142.4	145.2	148.4	151.2	154.4	157.2	158.6	160.0	161.4	162.7	166.9
77.5°	118.4	121.6	124.8	128.1	131.3	134.5	135.0	135.5	135.9	136.4	140.1
80°	92.9	97.1	100.3	103.6	106.8	110.0	110.0	110.0	110.0	110.0	111.9
82.5°	66.1	69.8	73.5	76.7	80.4	83.7	83.7	83.2	83.2	82.8	82.8
85°	37.9	41.1	43.5	46.2	48.5	50.9	50.9	50.9	50.4	50.4	49.5
87.5°	6.0	7.9	8.8	10.2	11.1	12.0	11.6	11.6	11.1	10.6	9.2
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: P596994
 CATALOG NUMBER: MSA-SA2D-835-U-SLR

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: P596994

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6
2.5°	1064.7	1076.3	1087.9	1086.0	1084.2	1082.3	1080.5	1087.4	1093.9	1100.8	1107.3
5°	1083.2	1090.2	1096.6	1101.7	1106.8	1111.9	1117.0	1140.6	1163.7	1187.3	1210.4
7.5°	970.0	967.7	965.8	987.5	1009.7	1031.5	1053.2	1083.2	1113.3	1143.3	1173.4
10°	921.4	926.5	931.6	940.4	949.6	958.4	967.2	996.8	1026.4	1056.0	1085.5
12.5°	969.5	998.2	1026.4	1033.3	1040.7	1047.6	1054.6	1060.6	1066.6	1072.1	1078.1
15°	891.8	923.3	954.7	972.7	990.8	1008.3	1026.4	1071.7	1116.5	1161.8	1206.7
17.5°	771.2	807.2	842.8	887.2	931.6	976.0	1020.4	1062.0	1103.6	1144.7	1186.3
20°	651.0	698.1	745.7	794.3	842.4	890.9	939.0	979.7	1020.4	1060.6	1101.3
22.5°	536.3	575.1	613.5	672.7	731.4	790.6	849.3	925.1	1000.5	1076.3	1151.7
25°	480.8	511.3	541.4	602.4	663.4	724.0	785.0	883.5	981.5	1080.0	1178.0
27.5°	461.4	472.0	482.7	538.2	593.2	648.6	703.7	810.0	916.3	1022.2	1128.5
30°	455.4	459.1	462.8	506.2	549.7	593.2	636.6	741.6	847.0	951.9	1056.9
32.5°	384.2	392.5	400.4	442.9	485.0	527.5	569.6	675.5	780.9	886.7	992.2
35°	352.3	361.5	370.8	412.4	454.0	495.2	536.8	648.2	760.1	871.5	982.9
37.5°	345.8	352.8	359.7	406.8	454.0	501.2	548.3	661.1	773.9	886.7	999.6
40°	342.6	347.7	352.8	398.5	444.8	490.5	536.3	654.7	772.6	890.9	1008.8
42.5°	346.7	352.8	358.3	399.9	441.1	482.7	523.8	646.3	768.4	890.9	1013.0
45°	350.4	356.9	362.9	401.8	440.6	479.4	518.3	649.1	779.5	910.3	1040.7
47.5°	359.2	360.6	361.5	395.3	428.6	462.3	495.6	628.8	761.9	894.6	1027.8
50°	366.6	359.7	352.3	387.4	422.1	457.2	491.9	618.1	744.3	870.1	996.3
52.5°	355.1	344.4	334.3	372.2	410.1	447.5	485.4	611.7	738.3	864.6	990.8
55°	337.5	326.9	316.2	354.6	393.0	431.4	469.7	595.5	721.7	847.4	973.2
57.5°	319.9	313.0	306.1	337.5	369.4	400.8	432.3	568.7	704.6	841.0	976.9
60°	296.8	295.9	295.4	319.9	344.9	369.4	393.9	527.5	660.7	794.3	927.4
62.5°	276.9	279.2	281.1	301.0	320.9	340.3	360.2	489.1	618.6	747.6	876.6
65°	261.7	266.3	270.9	293.6	316.2	338.4	361.1	469.3	577.4	685.6	793.8
67.5°	243.2	248.7	254.3	283.9	313.5	343.0	372.6	461.9	551.1	640.3	729.6
70°	221.9	227.5	232.6	270.5	307.9	345.8	383.3	462.3	541.8	620.9	700.0
72.5°	197.0	201.6	206.2	246.9	287.6	328.3	368.9	436.0	503.0	569.6	636.6
75°	171.5	175.7	179.8	215.0	250.1	285.3	320.4	372.2	423.5	475.3	526.6
77.5°	143.3	147.0	150.3	173.8	197.4	221.0	244.6	284.3	323.6	363.4	402.7
80°	113.7	115.6	117.4	131.3	144.7	158.6	172.0	198.3	224.7	250.6	276.9
82.5°	83.2	83.2	83.2	92.0	101.2	110.0	118.8	132.2	145.2	158.6	171.5
85°	48.5	47.2	46.2	52.2	58.3	64.3	70.3	75.8	81.4	86.9	92.5
87.5°	7.9	6.0	4.6	8.3	12.0	15.7	19.4	21.3	23.6	25.4	27.3
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: P596994
 CATALOG NUMBER: MSA-SA2D-835-U-SLR

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: P596994

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6
2.5°	1091.6	1076.3	1060.6	1044.9	1068.0	1091.1	1114.2	1137.3	1198.8	1235.3	1237.7
5°	1229.8	1249.2	1268.6	1288.0	1307.5	1326.9	1345.8	1365.3	1465.1	1526.6	1538.2
7.5°	1205.3	1237.7	1269.6	1301.5	1356.5	1411.5	1466.5	1521.5	1606.1	1667.2	1707.4
10°	1125.3	1165.1	1204.8	1244.6	1309.8	1375.4	1440.6	1505.8	1595.5	1675.9	1714.3
12.5°	1141.5	1204.8	1267.7	1331.0	1387.4	1444.3	1500.7	1557.1	1619.1	1649.6	1719.4
15°	1250.6	1294.5	1338.4	1382.4	1467.4	1552.0	1637.1	1721.7	1756.8	1826.7	1889.5
17.5°	1267.2	1347.7	1428.6	1509.0	1613.1	1717.1	1821.1	1925.1	1990.3	2080.5	2156.3
20°	1215.5	1329.2	1443.4	1557.1	1691.2	1825.7	1959.8	2093.9	2176.6	2252.5	2369.9
22.5°	1277.4	1403.2	1528.5	1654.2	1832.2	2009.7	2187.7	2365.3	2538.2	2707.4	2786.9
25°	1345.8	1514.1	1682.0	1849.8	2072.2	2294.1	2516.5	2738.4	2960.7	3119.3	3210.9
27.5°	1297.8	1466.5	1635.7	1804.5	2079.6	2355.1	2630.2	2905.3	3143.4	3334.3	3412.9
30°	1264.0	1471.1	1678.3	1885.4	2208.1	2530.8	2853.5	3176.2	3396.3	3609.4	3725.0
32.5°	1258.0	1523.8	1789.2	2055.0	2430.9	2806.3	3182.2	3557.6	3703.7	3892.8	4048.6
35°	1274.6	1566.8	1858.6	2150.3	2581.2	3012.1	3442.5	3873.4	4081.0	4268.2	4404.6
37.5°	1325.5	1651.4	1976.9	2302.9	2822.1	3341.7	3860.9	4380.1	4728.2	5070.8	5131.8
40°	1354.2	1700.0	2045.3	2390.7	2994.5	3598.3	4202.1	4805.9	5206.3	5582.2	5607.6
42.5°	1387.9	1762.9	2137.3	2512.3	3181.7	3851.7	4521.1	5190.6	5686.2	6090.2	6102.3
45°	1426.7	1812.3	2198.4	2584.0	3283.0	3981.6	4680.6	5379.2	5978.4	6469.4	6349.6
47.5°	1442.0	1856.7	2271.0	2685.2	3430.5	4175.3	4920.6	5665.4	6203.1	6649.7	6535.0
50°	1448.0	1900.2	2351.9	2803.6	3575.6	4348.2	5120.3	5892.4	6439.3	6874.8	6699.1
52.5°	1485.5	1980.2	2474.8	2969.5	3774.0	4578.4	5382.9	6187.3	6725.5	7143.9	6925.7
55°	1535.9	2098.5	2660.7	3223.4	4056.0	4888.2	5720.8	6553.0	7093.0	7482.3	7211.9
57.5°	1582.5	2188.7	2794.3	3400.0	4262.7	5125.8	5988.5	6851.2	7398.2	7783.3	7521.2
60°	1559.9	2192.4	2824.8	3457.3	4305.2	5152.6	6000.6	6848.0	7468.9	7930.8	7796.7
62.5°	1491.5	2106.4	2720.8	3335.7	4140.6	4945.1	5750.0	6554.4	7281.2	7873.4	7867.4
65°	1359.7	1925.6	2491.0	3056.9	3801.7	4547.0	5291.8	6036.6	6893.3	7612.7	7659.4
67.5°	1199.3	1669.0	2138.7	2608.5	3309.8	4011.2	4712.5	5413.9	6329.7	7123.6	7163.8
70°	1043.9	1388.4	1732.3	2076.3	2692.1	3308.0	3923.3	4539.1	5464.3	6267.3	6304.3
72.5°	861.8	1086.9	1311.6	1536.8	2035.6	2534.5	3032.9	3531.7	4344.0	4961.7	5170.2
75°	660.2	793.8	927.4	1061.0	1464.7	1868.3	2271.4	2675.0	3215.0	3670.9	3905.7
77.5°	472.0	541.4	610.7	680.1	1023.1	1366.2	1708.8	2051.8	2335.7	2594.1	2752.7
80°	309.8	342.1	374.9	407.3	692.6	977.8	1262.6	1547.9	1720.8	1859.5	1939.5
82.5°	187.7	203.9	219.6	235.8	467.0	698.1	928.8	1160.0	1258.9	1325.0	1396.2
85°	101.2	110.0	118.8	127.6	276.0	424.0	572.4	720.3	730.0	737.9	843.7
87.5°	29.6	32.4	34.7	37.0	61.0	85.5	109.6	133.6	83.2	51.8	106.3
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: P596994
 CATALOG NUMBER: MSA-SA2D-835-U-SLR

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: P596994

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6
2.5°	1224.2	1218.2	1212.2	1205.8	1199.7	1174.3	1149.3	1123.9	1098.5	1123.0	1147.0
5°	1524.8	1543.3	1561.3	1579.8	1598.3	1599.7	1600.6	1602.0	1602.9	1607.5	1612.1
7.5°	1741.1	1774.0	1806.3	1839.1	1872.0	1897.4	1922.8	1948.7	1974.1	1951.0	1927.9
10°	1759.6	1829.0	1898.3	1967.7	2037.0	2049.5	2061.5	2074.0	2086.5	2103.1	2119.3
12.5°	1778.1	1862.7	1946.9	2031.5	2116.1	2153.1	2189.6	2226.6	2263.1	2281.1	2298.7
15°	1973.7	2023.6	2073.1	2123.0	2172.5	2197.9	2222.9	2248.3	2273.7	2289.0	2303.8
17.5°	2225.2	2243.7	2261.7	2280.2	2298.7	2315.8	2332.9	2350.0	2367.1	2369.9	2372.7
20°	2454.5	2458.2	2461.4	2465.1	2468.4	2432.3	2396.7	2360.6	2324.6	2331.1	2337.1
22.5°	2798.5	2778.1	2758.3	2737.9	2718.0	2650.1	2582.6	2514.6	2447.1	2418.0	2389.3
25°	3316.3	3264.5	3212.7	3160.9	3109.2	3001.0	2893.2	2785.1	2677.3	2614.0	2551.1
27.5°	3483.2	3370.4	3258.0	3145.2	3032.4	2950.6	2869.2	2787.4	2706.0	2605.7	2505.4
30°	3820.7	3642.7	3465.1	3287.2	3109.2	3030.1	2951.0	2871.5	2792.5	2689.8	2587.7
32.5°	4119.8	3934.9	3749.9	3564.6	3379.6	3229.8	3080.0	2930.2	2780.4	2711.1	2641.7
35°	4466.1	4233.5	4001.0	3768.4	3535.9	3407.4	3279.3	3150.8	3022.7	2917.8	2813.3
37.5°	4970.5	4723.1	4475.8	4228.0	3980.6	3806.8	3633.4	3459.6	3286.2	3228.4	3171.1
40°	5451.3	5159.1	4867.4	4575.2	4283.5	4150.3	4017.2	3883.6	3750.4	3652.9	3555.3
42.5°	5854.0	5565.0	5276.6	4987.6	4699.1	4602.0	4505.4	4408.3	4311.7	4231.2	4150.8
45°	5992.2	5756.4	5521.1	5285.3	5049.5	5015.3	4981.6	4947.4	4913.6	4854.0	4794.3
47.5°	6214.6	5974.2	5734.3	5493.8	5253.4	5265.9	5278.4	5291.3	5303.8	5307.1	5309.8
50°	6345.5	6117.1	5889.1	5660.7	5432.8	5493.4	5553.5	5614.1	5674.6	5811.9	5948.8
52.5°	6536.4	6312.2	6088.4	5864.2	5639.9	5742.6	5844.8	5947.4	6049.6	6241.9	6434.2
55°	6775.9	6561.4	6347.3	6132.8	5918.7	6018.6	6118.0	6217.9	6317.3	6531.3	6745.4
57.5°	7093.5	6863.7	6634.4	6404.6	6175.3	6267.3	6358.9	6450.9	6542.4	6745.8	6949.3
60°	7455.0	7205.4	6955.7	6705.6	6456.0	6481.4	6506.3	6531.8	6556.7	6777.3	6997.3
62.5°	7632.6	7401.4	7170.7	6939.5	6708.4	6637.6	6566.9	6495.7	6425.0	6622.4	6819.3
65°	7478.6	7319.6	7161.0	7002.0	6842.9	6718.1	6593.7	6468.9	6344.1	6467.5	6590.5
67.5°	6988.6	6898.4	6808.7	6718.6	6628.4	6419.0	6209.5	5999.6	5790.2	5798.5	5806.4
70°	6194.3	6170.2	6146.7	6122.6	6098.6	5783.7	5469.3	5154.5	4839.7	4791.6	4743.5
72.5°	5187.8	5203.5	5218.8	5234.5	5250.2	4911.8	4573.4	4234.9	3896.5	3816.5	3736.5
75°	4018.1	4105.0	4191.9	4279.3	4366.2	4042.6	3719.0	3394.9	3071.2	2972.8	2874.3
77.5°	2839.2	3001.4	3163.2	3325.5	3487.8	3195.2	2903.0	2610.3	2317.7	2253.9	2190.0
80°	1979.7	2059.2	2138.7	2218.3	2297.8	2150.8	2003.7	1856.7	1709.7	1727.3	1744.4
82.5°	1442.0	1460.5	1478.5	1497.0	1515.5	1455.4	1395.3	1334.7	1274.6	1320.4	1366.2
85°	923.7	989.8	1055.5	1121.6	1187.3	1120.7	1054.1	987.1	920.5	951.0	981.5
87.5°	206.7	326.9	447.1	567.7	687.9	623.2	559.0	494.2	429.5	400.4	371.7
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):

	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: P596994

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

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6
2.5°	1171.5	1196.0	1188.6	1181.7	1174.3	1166.9	1180.3	1193.7	1207.6	1221.0	1216.4
5°	1617.2	1621.8	1577.9	1534.5	1490.5	1446.6	1473.9	1501.2	1528.5	1555.7	1546.0
7.5°	1904.8	1881.7	1856.2	1830.8	1804.9	1779.5	1774.0	1768.4	1762.4	1756.8	1749.4
10°	2136.0	2152.1	2135.5	2119.3	2102.7	2086.0	2047.2	2008.4	1969.1	1930.2	1914.0
12.5°	2316.7	2334.8	2338.9	2342.6	2346.8	2350.9	2307.5	2264.5	2221.0	2177.6	2138.3
15°	2319.0	2334.3	2347.7	2360.6	2374.1	2387.0	2360.2	2333.8	2307.0	2280.2	2267.7
17.5°	2375.9	2378.7	2367.6	2356.9	2345.9	2335.2	2324.6	2314.4	2303.8	2293.6	2273.7
20°	2343.5	2350.0	2348.6	2347.2	2345.4	2344.0	2344.9	2345.4	2346.3	2346.8	2335.7
22.5°	2360.2	2331.1	2337.1	2342.6	2348.6	2354.2	2370.8	2387.5	2404.6	2421.2	2465.6
25°	2487.8	2424.4	2414.7	2405.5	2395.8	2386.5	2430.0	2473.0	2516.5	2559.9	2632.0
27.5°	2404.6	2304.2	2282.1	2259.9	2237.7	2215.5	2281.6	2347.2	2413.4	2479.5	2553.0
30°	2485.0	2382.8	2333.8	2284.8	2235.4	2186.4	2249.7	2312.6	2375.9	2438.8	2520.2
32.5°	2572.4	2503.0	2470.2	2437.9	2405.0	2372.7	2377.8	2382.8	2387.9	2393.0	2507.7
35°	2708.3	2603.4	2571.0	2538.6	2506.3	2473.9	2528.0	2581.6	2635.7	2689.4	2786.5
37.5°	3113.3	3055.5	2997.3	2939.0	2880.3	2822.1	2854.0	2885.9	2917.8	2949.7	3041.2
40°	3457.8	3360.2	3350.5	3341.2	3331.5	3321.8	3324.6	3326.9	3329.7	3332.5	3410.6
42.5°	4069.9	3989.4	3940.0	3890.5	3841.0	3791.6	3788.3	3785.1	3781.4	3778.1	3836.9
45°	4734.2	4674.6	4637.6	4600.6	4563.2	4526.2	4467.5	4408.8	4349.6	4290.9	4342.2
47.5°	5313.1	5316.3	5383.3	5449.9	5517.0	5584.0	5483.7	5383.3	5283.0	5182.7	5116.6
50°	6086.1	6222.9	6239.1	6254.8	6271.0	6287.2	6117.1	5947.4	5777.3	5607.1	5537.8
52.5°	6627.0	6819.3	6794.4	6769.9	6744.9	6719.9	6621.5	6523.5	6425.0	6326.5	6175.3
55°	6959.9	7173.9	7155.0	7136.5	7117.5	7098.6	7026.9	6955.3	6883.6	6811.9	6646.0
57.5°	7152.7	7356.1	7361.7	7367.2	7372.7	7378.3	7359.3	7340.4	7321.4	7302.5	7086.6
60°	7217.9	7438.4	7440.7	7442.6	7444.9	7446.7	7416.7	7386.6	7356.1	7326.1	7185.0
62.5°	7016.8	7213.7	7222.5	7230.8	7239.6	7248.4	7227.6	7206.8	7186.0	7165.2	7060.7
65°	6713.9	6837.4	6839.7	6841.5	6843.8	6846.2	6793.5	6741.2	6688.5	6635.8	6610.8
67.5°	5814.7	5823.0	5872.0	5921.0	5970.0	6019.1	6023.2	6027.4	6032.0	6036.2	6000.1
70°	4695.4	4647.3	4700.5	4753.7	4806.8	4860.0	4882.6	4905.3	4928.4	4951.1	4967.7
72.5°	3656.1	3576.1	3615.4	3654.7	3694.5	3733.8	3700.0	3666.3	3632.5	3598.8	3705.6
75°	2775.8	2677.3	2672.3	2667.6	2662.5	2657.9	2640.8	2623.7	2606.1	2589.0	2688.9
77.5°	2125.8	2062.0	2065.2	2068.0	2071.2	2074.0	2056.4	2039.3	2021.8	2004.2	2042.6
80°	1761.9	1779.0	1779.5	1780.0	1780.4	1780.9	1764.2	1748.1	1731.4	1714.8	1687.0
82.5°	1412.4	1458.2	1457.7	1457.7	1457.3	1456.8	1455.9	1454.9	1453.6	1452.6	1407.3
85°	1012.0	1042.6	1011.1	979.7	948.2	916.8	939.9	963.0	986.6	1009.7	990.8
87.5°	342.6	313.9	276.5	239.5	202.0	164.6	204.8	245.0	285.7	325.9	349.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596994
 CATALOG NUMBER: MSA-SA2D-835-U-SLR

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



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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6	1004.6
2.5°	1212.2	1207.6	1203.4	1174.3	1144.7	1115.6	1086.0	1139.6	1193.7	1247.4	1301.0
5°	1536.8	1527.1	1517.8	1515.5	1513.2	1510.4	1508.1	1535.4	1562.7	1589.5	1616.8
7.5°	1742.1	1734.7	1727.3	1707.8	1688.9	1669.5	1650.0	1666.7	1682.9	1699.5	1715.7
10°	1898.3	1882.1	1866.0	1823.9	1782.3	1740.2	1698.1	1685.6	1673.2	1660.7	1648.2
12.5°	2099.0	2059.2	2019.9	1972.3	1924.2	1876.6	1828.5	1822.0	1815.6	1809.6	1803.1
15°	2255.7	2243.2	2230.7	2192.8	2154.9	2117.0	2079.1	2028.2	1976.9	1926.1	1875.2
17.5°	2254.3	2234.4	2215.0	2265.9	2316.3	2367.1	2417.5	2363.4	2308.9	2254.8	2200.7
20°	2324.6	2313.0	2301.9	2395.8	2489.2	2583.0	2676.4	2646.8	2616.8	2587.2	2557.1
22.5°	2509.5	2553.9	2597.8	2678.3	2758.3	2838.7	2918.7	2952.4	2986.2	3019.9	3053.7
25°	2703.7	2775.8	2847.9	2967.7	3087.0	3206.7	3326.5	3350.5	3374.5	3398.6	3422.6
27.5°	2626.0	2699.5	2773.0	2863.7	2953.8	3044.4	3134.6	3240.0	3345.9	3451.3	3556.7
30°	2601.1	2682.4	2763.3	2887.7	3011.6	3136.0	3260.3	3405.5	3550.7	3695.4	3840.6
32.5°	2621.9	2736.5	2851.2	3019.5	3187.3	3355.6	3523.9	3676.4	3829.5	3982.0	4134.6
35°	2883.1	2980.2	3076.8	3265.0	3453.1	3641.3	3829.5	4008.4	4187.3	4365.8	4544.7
37.5°	3132.3	3223.8	3315.4	3507.7	3699.6	3891.9	4084.2	4366.7	4649.6	4932.1	5214.6
40°	3488.3	3566.4	3644.1	3808.7	3973.2	4137.8	4302.4	4643.2	4983.9	5324.6	5665.4
42.5°	3895.1	3953.8	4012.1	4182.7	4353.3	4523.9	4694.5	5065.3	5436.5	5807.3	6178.1
45°	4393.0	4444.4	4495.7	4613.1	4730.5	4848.4	4965.9	5348.2	5730.6	6112.9	6495.2
47.5°	5050.5	4984.4	4918.2	4976.0	5033.8	5091.6	5149.4	5527.6	5905.8	6283.5	6661.7
50°	5468.4	5399.1	5329.7	5334.8	5339.4	5344.5	5349.6	5702.4	6055.1	6407.4	6760.2
52.5°	6024.1	5872.5	5721.3	5719.9	5718.5	5716.7	5715.3	6022.7	6330.7	6638.1	6945.6
55°	6480.0	6314.0	6148.0	6115.7	6083.3	6050.5	6018.1	6322.3	6626.1	6930.3	7234.0
57.5°	6870.7	6654.3	6438.4	6387.5	6336.7	6285.8	6235.0	6562.7	6891.0	7218.8	7546.6
60°	7044.5	6903.5	6762.9	6700.5	6638.1	6575.7	6513.3	6792.5	7071.8	7350.6	7629.8
62.5°	6956.7	6852.2	6748.1	6762.5	6776.8	6791.1	6805.5	6965.0	7124.9	7284.4	7443.9
65°	6586.3	6561.4	6536.9	6652.4	6768.0	6883.6	6999.2	7001.5	7003.8	7006.1	7008.4
67.5°	5964.0	5928.0	5891.9	6132.3	6372.3	6612.7	6853.1	6738.9	6624.7	6511.0	6396.8
70°	4983.9	5000.5	5016.7	5344.1	5670.9	5998.2	6325.6	6160.1	5994.1	5828.6	5662.6
72.5°	3812.4	3919.6	4026.4	4365.8	4705.1	5044.5	5383.8	5194.7	5005.2	4816.1	4626.5
75°	2788.8	2888.6	2988.5	3323.7	3658.9	3994.5	4329.7	4105.0	3880.3	3656.1	3431.4
77.5°	2080.9	2119.8	2158.1	2436.9	2715.3	2994.0	3272.4	3046.7	2821.1	2596.0	2370.4
80°	1659.8	1632.0	1604.7	1759.2	1913.6	2068.0	2222.4	2062.4	1902.0	1742.1	1582.1
82.5°	1362.5	1317.2	1272.3	1329.7	1387.0	1444.8	1502.1	1374.0	1246.0	1117.9	989.8
85°	971.8	952.9	933.9	950.5	966.7	983.4	1000.0	875.2	750.4	626.0	501.2
87.5°	371.7	394.8	417.9	444.3	470.2	496.5	522.4	409.2	295.9	183.1	69.8
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):

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

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1004.6	1004.6
2.5°	1323.2	1345.4
5°	1616.3	1615.8
7.5°	1708.3	1700.4
10°	1627.9	1607.5
12.5°	1743.0	1682.4
15°	1815.1	1754.5
17.5°	2109.6	2018.1
20°	2448.5	2339.4
22.5°	2887.7	2721.7
25°	3224.3	3025.5
27.5°	3438.8	3320.4
30°	3705.1	3569.6
32.5°	4034.7	3934.4
35°	4453.1	4361.1
37.5°	5185.9	5156.8
40°	5630.7	5595.6
42.5°	6179.5	6180.4
45°	6516.1	6536.9
47.5°	6714.4	6766.6
50°	6872.5	6984.4
52.5°	7098.6	7251.6
55°	7437.5	7640.4
57.5°	7719.5	7892.4
60°	7719.5	7808.7
62.5°	7441.6	7438.9
65°	6965.4	6922.0
67.5°	6342.2	6287.7
70°	5577.5	5492.0
72.5°	4520.6	4414.3
75°	3285.8	3139.7
77.5°	2301.0	2231.2
80°	1615.8	1649.6
82.5°	1037.9	1086.0
85°	493.8	486.4
87.5°	58.3	46.7
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0

REPORT NUMBER: P596994
CATALOG NUMBER: MSA-SA2D-835-U-SLR

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)