

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: P367382

Luminaire Tested: **MSA-SA2B-830-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367382
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: MSA-SA2B-830-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: 6781 lumens
Efficiency: N/A
Efficacy: 79.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

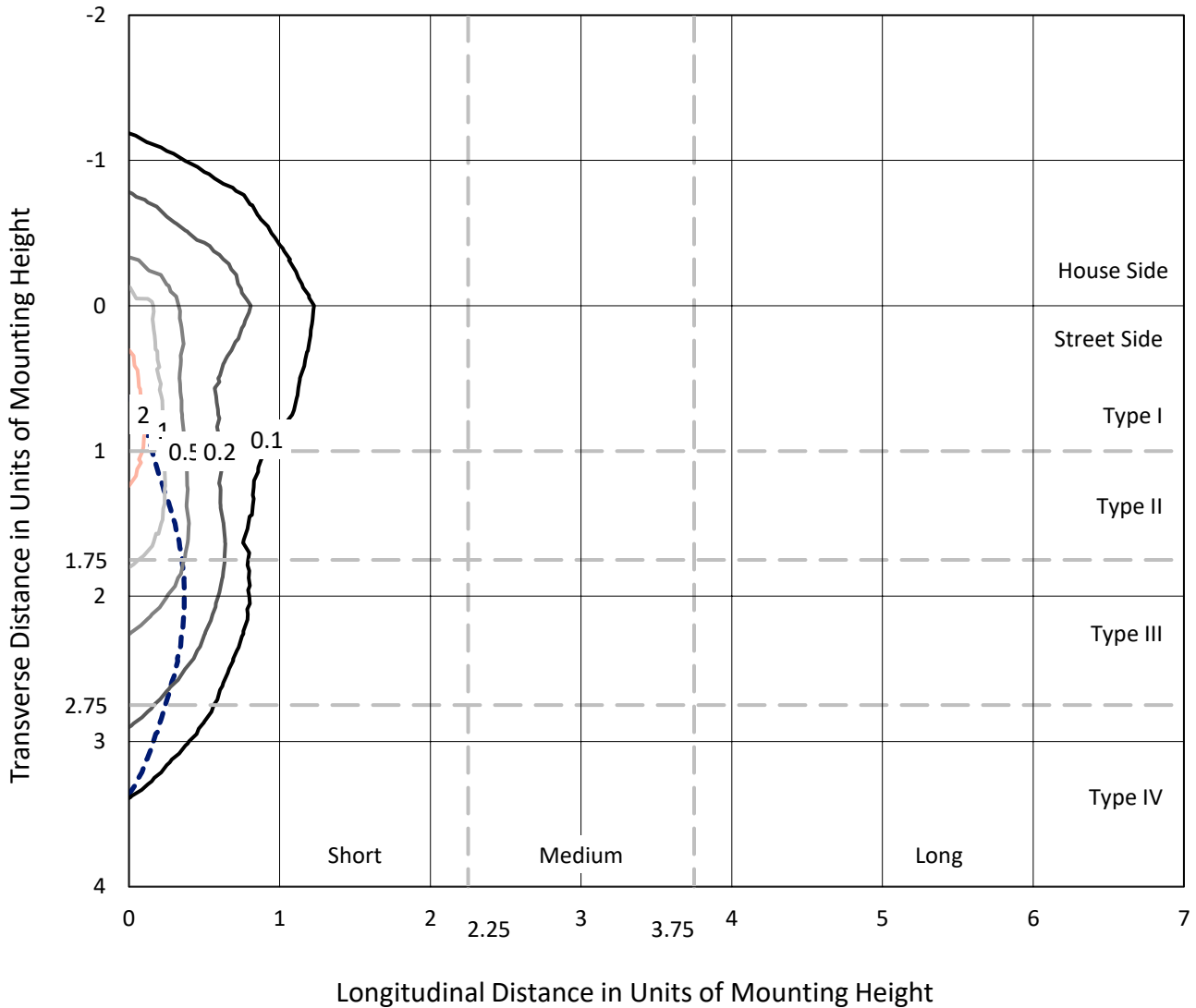
Input Watts (W): 85
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

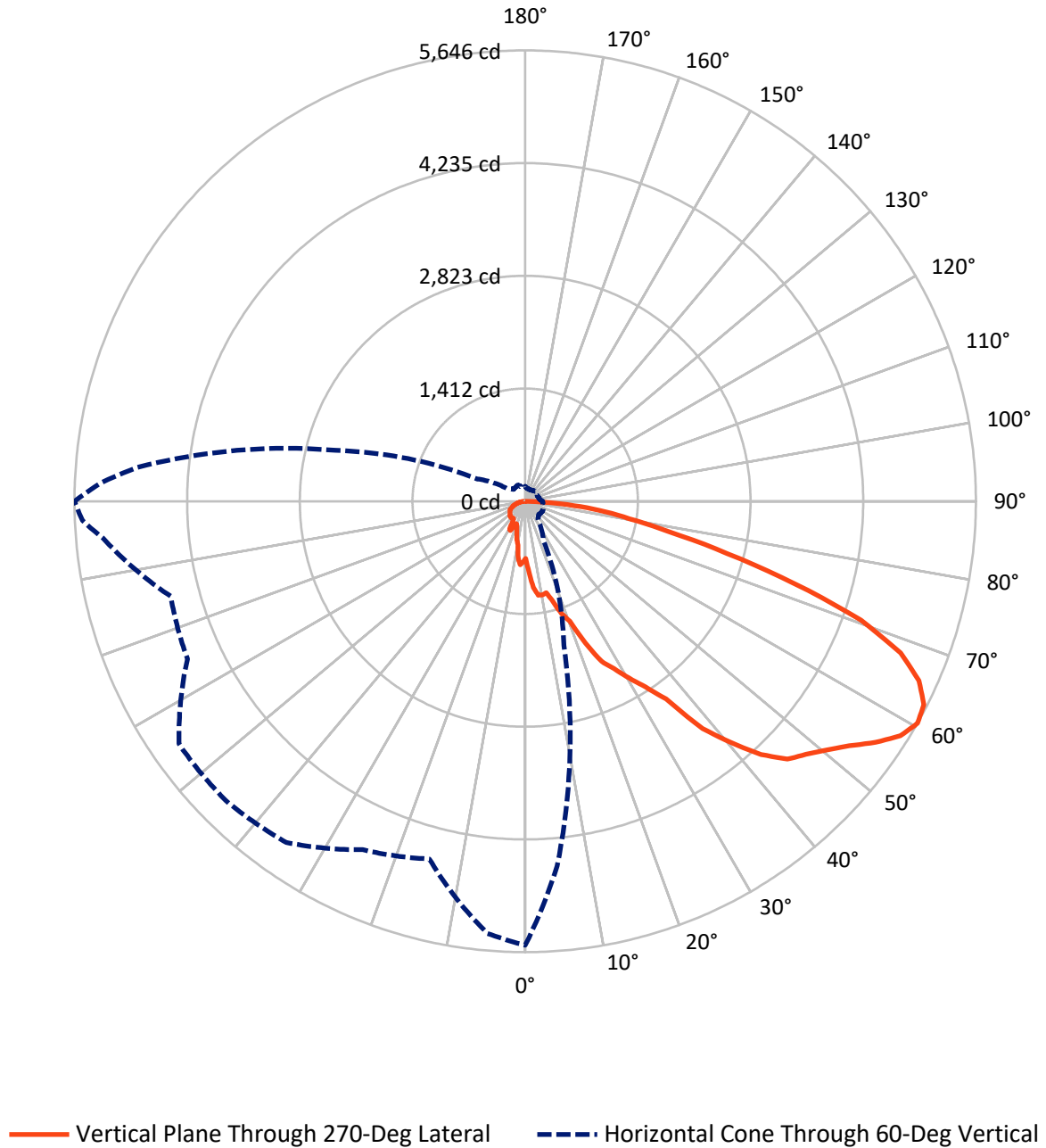
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.9 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	1313.3	0.0	1313.3
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	5467.7	0.0	5467.7
	% Fixture	80.6	0.0	80.6
Total	Lumens	6781.0	0.0	6781.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.0	1.2
10°-20°	238.3	3.5
20°-30°	420.6	6.2
30°-40°	655.1	9.7
40°-50°	1078.5	15.9
50°-60°	1539.4	22.7
60°-70°	1632.3	24.1
70°-80°	901.6	13.3
80°-90°	233.3	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°	6781.0	100.0
0°-180°	6781.0	100.0

Coefficient of Utilization



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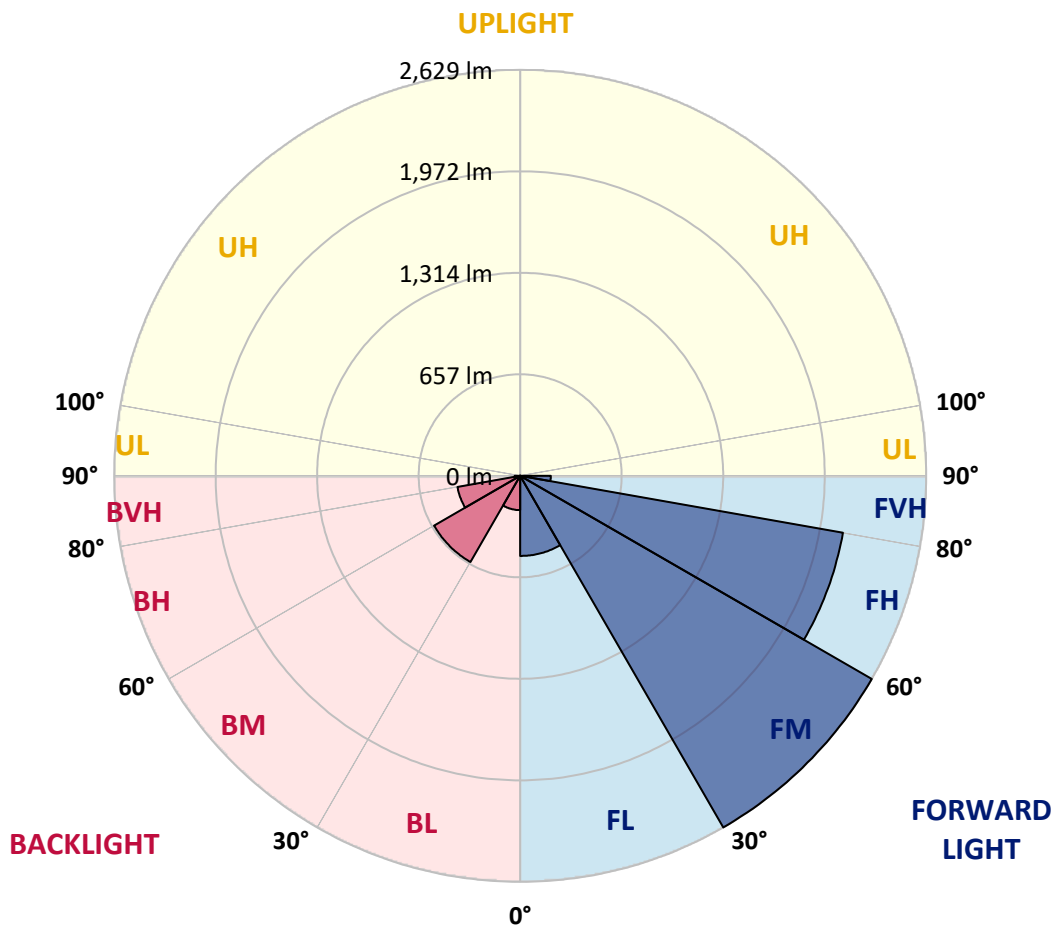
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	518.9	7.7			
FM (30°-60°)	2628.8	38.8			
FH (60°-80°)	2121.8	31.3			G2/5000
FVH (80°-90°)	198.3	2.9			G2/225
BL (0°-30°)	222.0	3.3	B1/500		
BM (30°-60°)	644.2	9.5	B1/1000		
BH (60°-80°)	412.1	6.1	B1/500		G1/500
BVH (80°-90°)	35.0	0.5			G1/100
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°	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2
2.5°	957.8	963.7	969.3	958.1	946.9	935.4	924.2	907.4	890.3	873.5	856.4
5°	1150.3	1128.6	1106.6	1097.7	1089.1	1080.2	1071.3	1063.1	1054.9	1046.3	1038.1
7.5°	1210.6	1179.6	1148.4	1135.2	1122.0	1108.5	1095.4	1065.8	1036.1	1006.2	976.6
10°	1144.4	1112.2	1079.6	1066.7	1053.6	1040.7	1027.6	991.4	955.5	919.3	883.1
12.5°	1197.7	1164.8	1131.6	1090.8	1050.0	1008.8	968.0	947.9	927.8	907.4	887.4
15°	1249.1	1204.6	1159.9	1119.1	1078.3	1037.1	996.3	956.1	916.0	875.8	835.7
17.5°	1436.7	1362.6	1288.6	1214.9	1140.8	1067.1	993.0	946.6	899.9	853.5	806.7
20°	1665.4	1562.4	1459.1	1347.2	1234.9	1123.0	1010.8	952.2	893.9	835.4	776.8
22.5°	1937.6	1807.6	1677.6	1536.4	1395.2	1253.7	1112.5	1027.6	942.7	857.4	772.5
25°	2153.9	2028.8	1903.7	1724.7	1545.6	1366.6	1187.5	1091.1	994.7	897.9	801.5
27.5°	2363.9	2164.7	1965.3	1760.2	1555.5	1350.5	1145.4	1056.2	967.0	877.8	788.6
30°	2541.3	2383.3	2225.3	1957.7	1690.1	1422.2	1154.6	1045.0	935.4	825.8	716.2
32.5°	2801.0	2575.5	2349.7	2070.6	1791.5	1512.4	1233.3	1093.1	952.9	812.6	672.4
35°	3104.8	2870.4	2636.1	2290.8	1945.9	1600.6	1255.3	1106.9	958.1	809.7	660.9
37.5°	3671.2	3258.1	2844.7	2467.9	2091.0	1713.8	1337.0	1164.5	992.0	819.2	646.8
40°	3983.6	3601.8	3220.0	2750.3	2280.6	1810.6	1340.9	1164.5	987.7	811.3	634.6
42.5°	4399.9	3917.1	3433.9	2926.0	2418.5	1910.7	1402.8	1207.3	1011.8	815.9	620.4
45°	4653.7	4115.6	3577.1	3034.3	2491.6	1948.8	1406.1	1207.6	1009.1	810.7	612.2
47.5°	4817.3	4300.5	3783.5	3199.2	2615.0	2030.5	1446.2	1235.6	1024.6	814.0	603.0
50°	4972.3	4460.5	3948.3	3341.7	2735.5	2128.9	1522.3	1292.2	1062.1	831.7	601.7
52.5°	5162.5	4691.2	4219.6	3568.9	2917.8	2267.1	1616.1	1365.6	1115.1	864.6	614.2
55°	5439.3	4974.9	4510.2	3811.8	3113.0	2414.6	1715.8	1437.7	1159.9	881.8	603.6
57.5°	5618.7	5147.7	4676.7	3964.5	3252.2	2539.6	1827.4	1519.3	1211.2	902.8	594.8
60°	5559.2	5073.3	4587.2	3908.2	3229.2	2550.2	1871.2	1538.4	1206.0	873.2	540.4
62.5°	5295.8	4779.4	4263.0	3654.8	3046.8	2438.6	1830.3	1492.0	1154.0	815.6	477.3
65°	4927.9	4394.0	3859.8	3311.1	2762.5	2213.8	1665.1	1358.0	1050.6	743.5	436.1
67.5°	4476.3	3919.7	3362.8	2877.0	2391.2	1905.1	1419.2	1162.5	906.1	649.4	392.7
70°	3909.8	3362.8	2815.8	2395.5	1975.2	1554.9	1134.5	941.3	748.5	555.3	362.1
72.5°	3142.6	2670.6	2198.6	1867.9	1537.1	1206.3	875.5	741.2	607.3	473.0	338.7
75°	2235.2	1957.7	1680.3	1422.9	1165.5	907.8	650.4	563.5	476.6	389.7	302.8
77.5°	1588.4	1424.8	1261.3	1059.5	857.7	656.0	454.2	403.2	352.5	301.5	250.5
80°	1174.4	1037.8	901.2	749.1	597.1	445.0	292.9	267.9	243.2	218.2	193.2
82.5°	773.1	711.6	649.7	529.3	408.8	288.3	167.9	158.6	149.4	140.2	131.0
85°	346.3	365.7	384.8	311.0	237.0	163.3	89.2	84.9	80.6	76.4	72.1
87.5°	33.2	49.0	64.8	55.6	46.1	36.9	27.3	27.0	27.0	26.7	26.3
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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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°	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2
2.5°	861.0	865.6	870.2	874.9	869.9	865.0	859.7	854.8	848.5	842.3	835.7
5°	1024.3	1010.1	996.3	982.2	961.1	940.0	918.6	897.6	894.9	892.0	889.3
7.5°	950.6	924.9	898.9	872.9	840.0	807.4	774.5	741.5	731.7	721.8	711.9
10°	865.6	847.9	830.4	812.6	792.2	771.8	751.1	730.7	703.7	676.4	649.4
12.5°	858.4	829.4	800.1	771.2	758.7	746.2	733.7	721.1	697.4	673.7	649.7
15°	812.3	788.6	765.2	741.5	723.4	705.3	687.2	669.1	650.0	630.6	611.5
17.5°	779.7	752.7	725.8	698.8	678.0	657.3	636.2	615.5	592.4	569.1	546.0
20°	745.8	715.2	684.3	653.3	627.0	601.0	574.7	548.3	523.0	498.0	472.6
22.5°	732.0	691.5	651.0	610.6	582.9	554.9	527.3	499.3	475.9	452.6	429.2
25°	753.1	705.0	656.6	608.2	571.1	533.5	496.3	458.8	439.4	420.0	400.2
27.5°	728.4	667.8	607.6	547.0	507.2	467.0	427.2	387.1	384.1	381.1	377.9
30°	652.7	589.2	525.6	462.1	425.6	388.7	352.2	315.3	308.4	301.2	294.3
32.5°	607.6	542.7	477.9	413.1	380.5	347.6	315.0	282.1	274.2	266.3	258.4
35°	590.5	520.0	449.6	379.2	351.2	323.2	295.2	267.3	261.7	256.4	250.8
37.5°	576.7	506.9	436.8	366.7	339.7	312.7	285.4	258.4	254.1	249.8	245.5
40°	563.5	492.7	421.6	350.5	326.5	302.8	278.8	254.8	252.1	249.5	246.5
42.5°	551.6	482.8	413.7	344.9	323.5	302.5	281.1	259.7	257.1	254.4	251.8
45°	545.1	477.9	410.8	343.6	328.2	312.7	296.9	281.4	275.2	268.9	262.3
47.5°	540.1	477.3	414.4	351.5	335.4	319.3	303.1	287.0	281.4	275.8	269.9
50°	541.1	480.9	420.3	359.7	340.3	320.6	301.2	281.4	280.8	280.1	279.4
52.5°	550.0	486.1	422.0	357.8	336.7	315.6	294.3	273.2	277.5	281.4	285.7
55°	537.2	470.7	403.9	337.4	317.3	297.5	277.5	257.4	263.0	268.2	273.8
57.5°	522.7	450.6	378.5	306.4	291.3	276.1	260.7	245.5	251.5	257.7	263.6
60°	474.6	408.8	343.0	277.1	266.9	256.7	246.5	236.3	239.0	241.6	244.2
62.5°	422.0	366.3	311.0	255.4	247.5	239.3	231.4	223.2	223.2	223.5	223.5
65°	388.4	340.7	292.9	245.2	236.3	227.4	218.2	209.3	208.0	206.7	205.4
67.5°	354.8	317.3	279.4	241.6	228.8	216.2	203.4	190.6	188.9	187.6	186.0
70°	328.5	294.9	261.3	227.8	213.3	199.1	184.6	170.2	168.8	167.9	166.5
72.5°	307.1	275.8	244.2	212.6	197.5	182.0	166.9	151.4	150.4	149.4	148.1
75°	274.8	247.2	219.2	191.2	176.4	161.9	147.1	132.3	131.0	130.0	128.7
77.5°	227.4	204.1	181.0	157.7	146.1	134.9	123.4	111.9	111.2	110.6	109.6
80°	175.1	157.0	138.6	120.5	112.9	105.0	97.4	89.5	89.2	88.9	88.2
82.5°	120.1	109.3	98.4	87.6	82.0	76.0	70.4	64.5	64.8	65.2	65.5
85°	68.5	64.5	60.9	56.9	52.3	48.1	43.4	38.8	39.8	40.8	41.5
87.5°	25.0	23.7	22.4	21.1	18.8	16.8	14.5	12.2	12.8	13.8	14.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P367382
 CATALOG NUMBER: MSA-SA2B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2
2.5°	829.4	819.6	809.7	799.8	789.9	769.5	749.4	729.0	708.6	721.1	734.0
5°	886.4	869.6	852.5	835.7	818.6	809.0	799.5	789.9	780.4	785.3	790.6
7.5°	702.1	692.2	682.0	672.1	661.9	657.6	653.7	649.4	645.1	657.3	669.5
10°	622.1	608.2	594.4	580.3	566.4	558.2	550.0	541.8	533.5	536.8	540.1
12.5°	626.0	605.6	585.2	564.8	544.4	532.2	520.0	507.9	495.7	498.6	501.6
15°	592.1	571.1	550.0	528.9	507.9	493.7	479.2	465.1	450.6	445.7	440.4
17.5°	522.7	499.6	476.6	453.6	430.5	421.0	411.4	401.9	392.3	387.1	381.8
20°	447.3	425.9	404.5	383.1	361.7	355.1	348.6	341.6	335.1	331.8	328.2
22.5°	405.8	392.7	379.2	366.0	352.5	344.9	337.7	330.1	322.6	318.9	315.0
25°	380.8	383.4	386.4	389.0	391.7	388.4	384.8	381.5	377.9	379.2	380.2
27.5°	374.9	380.5	386.4	392.0	397.6	400.6	403.5	406.5	409.4	410.4	411.4
30°	287.0	290.0	292.6	295.6	298.2	306.4	314.7	322.6	330.8	343.6	356.8
32.5°	250.5	249.5	248.5	247.2	246.2	248.2	250.1	251.8	253.8	258.4	263.3
35°	245.2	242.9	240.3	238.0	235.3	236.3	237.3	238.3	239.3	242.9	246.5
37.5°	241.3	240.3	239.6	238.6	237.6	239.9	241.9	244.2	246.2	249.2	252.1
40°	243.9	243.6	243.2	242.6	242.2	243.6	244.9	246.2	247.5	251.5	255.4
42.5°	249.2	249.2	248.8	248.8	248.5	249.8	250.8	252.1	253.1	255.4	257.7
45°	256.1	255.4	255.1	254.4	253.8	253.4	253.4	253.1	252.8	254.1	255.7
47.5°	264.3	262.0	259.4	257.1	254.4	253.8	252.8	252.1	251.1	251.8	252.4
50°	278.8	272.5	266.6	260.3	254.1	252.4	250.8	249.2	247.5	247.2	247.2
52.5°	289.6	280.4	271.2	262.0	252.8	249.8	246.9	243.9	240.9	240.3	239.9
55°	279.1	272.2	265.6	258.7	251.8	247.5	242.9	238.6	234.0	233.0	232.0
57.5°	269.6	265.3	261.0	256.7	252.4	248.2	243.6	239.3	234.7	232.4	230.1
60°	246.9	246.9	247.2	247.2	247.2	242.6	238.0	233.4	228.8	226.4	224.5
62.5°	223.5	227.1	230.4	234.0	237.3	231.1	224.5	218.2	211.6	210.0	208.7
65°	204.1	205.1	206.4	207.4	208.3	203.4	198.5	193.5	188.6	187.6	186.3
67.5°	184.3	184.0	183.7	183.0	182.7	179.7	176.4	173.5	170.2	168.8	167.5
70°	165.2	164.9	164.6	163.9	163.6	160.9	158.3	155.7	153.0	152.1	151.1
72.5°	147.1	146.8	146.1	145.8	145.2	142.8	140.9	138.6	136.3	134.9	133.6
75°	127.4	126.7	126.1	125.4	124.7	122.8	120.8	118.5	116.5	115.2	113.9
77.5°	108.9	108.0	107.0	105.7	104.7	103.0	101.0	99.4	97.4	95.8	94.5
80°	87.9	87.2	86.6	85.6	84.9	83.3	81.6	79.7	78.0	76.0	74.4
82.5°	65.8	65.5	64.8	64.5	63.9	62.2	60.6	58.9	57.3	55.3	53.3
85°	42.5	42.1	41.8	41.5	41.1	39.8	38.8	37.5	36.2	34.2	32.6
87.5°	15.1	14.5	14.2	13.5	12.8	12.5	11.8	11.5	10.9	9.9	8.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367382
 CATALOG NUMBER: MSA-SA2B-830-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: P367382

CATALOG NUMBER: MSA-SA2B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2
2.5°	746.5	759.0	759.3	759.3	765.2	770.8	759.3	747.8	736.0	724.4	712.9
5°	795.5	800.5	799.1	797.5	790.3	783.0	775.5	767.9	760.3	752.7	753.1
7.5°	681.6	693.8	703.7	713.2	704.0	694.8	689.9	684.9	680.0	675.1	674.4
10°	543.1	546.4	550.3	553.9	548.3	542.4	552.3	562.2	571.7	581.6	570.7
12.5°	504.6	507.5	500.6	493.4	491.1	488.8	486.5	483.8	481.5	478.9	477.6
15°	435.5	430.2	424.9	419.3	418.0	416.4	414.7	412.7	411.1	409.1	403.2
17.5°	376.5	371.3	362.4	353.2	349.5	345.6	344.6	343.6	342.3	341.3	335.7
20°	324.9	321.2	318.9	316.3	312.7	309.1	305.4	301.8	297.9	294.3	289.0
22.5°	311.4	307.4	304.5	301.2	300.5	299.8	293.3	286.4	279.8	272.9	269.9
25°	381.5	382.5	364.4	345.9	344.3	342.6	330.8	318.6	306.8	294.6	284.4
27.5°	412.1	413.1	412.4	411.8	406.5	400.9	380.8	360.4	340.3	319.9	305.4
30°	369.6	382.5	387.4	392.3	388.7	384.8	363.7	343.0	321.9	300.8	291.3
32.5°	267.9	272.5	280.8	288.7	292.9	296.9	290.3	283.7	277.1	270.6	268.9
35°	249.8	253.4	255.1	256.7	254.1	251.5	246.5	241.6	236.3	231.4	230.4
37.5°	254.8	257.7	261.0	264.3	257.1	249.5	243.9	238.6	233.0	227.4	222.8
40°	259.4	263.3	265.3	267.3	260.0	252.8	245.9	239.3	232.4	225.5	220.9
42.5°	260.0	262.3	265.9	269.6	259.4	248.8	242.6	236.0	229.7	223.2	218.5
45°	257.1	258.4	261.7	265.0	253.1	240.9	235.3	229.4	223.8	217.9	213.9
47.5°	252.8	253.4	256.1	258.4	245.9	233.0	227.8	222.5	216.9	211.6	207.7
50°	246.9	246.5	248.5	250.1	237.3	224.5	219.2	214.3	209.0	203.7	200.4
52.5°	239.3	238.6	240.6	242.2	228.8	215.3	210.6	206.4	201.8	197.2	194.5
55°	230.7	229.7	231.4	233.0	219.9	206.4	202.4	198.1	194.2	189.9	187.6
57.5°	227.4	225.1	226.1	227.1	212.3	197.5	193.5	189.6	185.6	181.7	180.0
60°	222.2	219.9	220.9	221.5	205.7	189.6	186.0	182.0	178.4	174.4	172.8
62.5°	207.0	205.4	206.7	208.0	193.9	179.4	176.1	173.1	169.8	166.5	164.2
65°	185.3	184.0	186.6	189.3	177.1	164.9	162.9	160.9	158.6	156.7	154.4
67.5°	166.2	164.9	167.5	170.2	161.3	152.4	150.4	148.4	146.5	144.5	143.2
70°	150.1	149.1	151.4	153.7	146.1	138.6	136.6	134.9	133.0	131.0	130.0
72.5°	132.0	130.7	133.6	136.3	130.0	123.4	121.8	119.8	118.2	116.2	115.5
75°	112.6	111.2	113.9	116.2	111.9	107.3	105.7	104.0	102.4	100.7	100.4
77.5°	92.8	91.2	93.8	96.1	93.5	90.5	89.2	87.6	86.2	84.6	84.6
80°	72.4	70.4	72.4	74.1	73.1	72.1	71.1	69.8	68.8	67.5	67.8
82.5°	51.3	49.4	50.4	51.3	52.0	52.7	52.7	52.7	52.7	52.7	52.7
85°	30.6	28.6	29.0	29.3	30.3	31.3	31.6	31.9	32.3	32.6	32.9
87.5°	7.9	6.9	6.3	5.3	6.3	6.9	7.6	7.9	8.6	8.9	8.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367382
 CATALOG NUMBER: MSA-SA2B-830-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: P367382
 CATALOG NUMBER: MSA-SA2B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2
2.5°	701.4	689.5	678.0	685.3	692.2	699.4	706.3	706.7	706.7	707.0	707.0
5°	753.7	754.1	754.4	747.5	740.9	734.0	727.1	723.4	719.8	715.9	712.3
7.5°	673.4	672.8	671.8	665.2	658.6	652.0	645.4	629.6	613.5	597.7	581.6
10°	559.5	548.7	537.5	534.9	532.5	529.9	527.3	523.0	519.1	514.8	510.5
12.5°	476.3	474.9	473.6	466.7	459.8	452.6	445.7	445.7	445.7	445.7	445.7
15°	396.9	391.0	384.8	381.5	377.9	374.6	370.9	369.3	367.6	366.0	364.4
17.5°	329.8	324.2	318.3	317.6	317.0	316.3	315.6	314.0	312.4	310.7	309.1
20°	283.7	278.5	273.2	275.2	277.1	278.8	280.8	279.1	277.5	275.5	273.8
22.5°	266.6	263.6	260.3	258.7	257.1	255.1	253.4	253.4	253.8	253.8	253.8
25°	274.5	264.3	254.1	249.2	244.2	239.0	234.0	232.0	230.4	228.4	226.4
27.5°	291.0	276.1	261.7	253.1	244.6	236.0	227.4	223.8	219.9	216.2	212.3
30°	281.4	271.9	262.0	252.1	242.2	232.4	222.5	217.9	213.3	208.3	203.7
32.5°	267.3	265.3	263.6	254.4	245.2	235.7	226.4	224.5	222.8	220.9	218.9
35°	229.1	228.1	226.8	224.5	222.2	219.9	217.6	214.9	212.3	209.7	207.0
37.5°	218.5	213.9	209.3	208.3	207.4	206.4	205.4	204.4	203.4	202.1	201.1
40°	216.2	211.6	207.0	205.4	203.7	201.8	200.1	200.4	201.1	201.4	201.8
42.5°	213.6	209.0	204.1	202.7	201.4	200.1	198.8	199.1	199.8	200.1	200.4
45°	210.3	206.4	202.4	200.1	198.1	195.8	193.5	195.5	197.5	199.1	201.1
47.5°	203.7	199.5	195.5	194.2	192.9	191.2	189.9	191.9	193.9	195.5	197.5
50°	196.8	193.5	189.9	189.6	189.3	188.6	188.3	189.6	190.9	192.2	193.5
52.5°	191.6	188.9	186.0	186.0	185.6	185.6	185.3	186.6	187.9	188.9	190.2
55°	185.6	183.3	181.0	181.4	182.0	182.3	182.7	184.0	185.6	187.0	188.3
57.5°	178.1	176.4	174.4	175.8	176.7	178.1	179.1	180.0	181.4	182.3	183.3
60°	170.8	169.2	167.2	168.5	170.2	171.5	172.8	173.8	174.8	175.8	176.7
62.5°	161.9	159.3	157.0	159.0	160.6	162.6	164.2	164.9	165.9	166.5	167.2
65°	152.4	150.1	147.8	149.1	150.4	151.4	152.7	153.7	154.7	155.7	156.7
67.5°	141.5	140.2	138.6	139.6	140.5	141.5	142.5	142.8	142.8	143.2	143.2
70°	128.7	127.7	126.4	127.0	128.0	128.7	129.4	129.4	129.4	129.0	129.0
72.5°	115.2	114.5	113.9	114.2	114.9	115.2	115.5	115.2	114.9	114.5	114.2
75°	100.1	99.7	99.4	99.7	100.4	100.7	101.0	100.7	100.1	99.7	99.1
77.5°	84.9	84.9	84.9	84.9	85.2	85.2	85.2	84.6	83.9	83.3	82.6
80°	68.1	68.5	68.8	68.8	68.8	68.8	68.8	68.1	67.5	66.5	65.8
82.5°	52.7	52.7	52.7	52.7	53.0	53.0	53.0	51.3	50.0	48.4	46.7
85°	32.9	33.2	33.2	33.6	33.9	33.9	34.2	31.9	30.0	27.6	25.3
87.5°	8.9	8.9	8.9	8.9	8.9	8.6	8.6	6.6	4.3	2.3	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: P367382
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CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2
2.5°	709.0	710.9	712.6	714.6	714.9	715.2	715.2	715.5	708.6	701.7	694.5
5°	717.2	721.8	726.7	731.3	730.4	729.4	728.4	727.4	725.4	723.8	721.8
7.5°	578.0	574.7	571.1	567.4	570.4	573.4	576.3	579.3	580.6	581.9	582.9
10°	502.3	494.0	485.8	477.6	473.0	468.0	463.4	458.5	457.8	457.5	456.8
12.5°	437.1	428.2	419.7	410.8	408.1	405.2	402.5	399.6	402.2	404.8	407.1
15°	360.7	357.4	353.8	350.2	353.2	356.1	359.1	362.1	364.7	367.0	369.6
17.5°	307.4	306.1	304.5	302.8	305.4	308.4	311.0	313.7	319.6	325.5	331.4
20°	272.5	271.5	270.2	268.9	267.9	266.6	265.6	264.3	272.9	281.1	289.6
22.5°	251.8	249.8	247.8	245.9	246.2	246.5	246.5	246.9	253.8	261.0	267.9
25°	225.8	225.1	224.5	223.8	225.8	227.8	229.4	231.4	237.6	243.9	249.8
27.5°	212.6	213.0	213.3	213.6	216.2	219.2	221.8	224.5	228.8	233.0	237.3
30°	205.4	207.4	209.0	210.6	211.6	212.6	213.6	214.6	218.9	222.8	227.1
32.5°	216.2	213.6	210.6	208.0	209.3	211.0	212.3	213.6	217.6	221.5	225.5
35°	206.0	204.7	203.7	202.4	204.1	205.7	207.0	208.7	212.3	215.6	219.2
37.5°	200.8	200.4	200.1	199.8	200.8	201.8	202.4	203.4	206.7	210.0	213.0
40°	200.4	198.8	197.5	195.8	196.8	197.8	198.5	199.5	203.4	207.4	211.3
42.5°	198.5	196.5	194.2	192.2	193.2	194.5	195.5	196.5	200.8	204.7	209.0
45°	198.1	195.2	191.9	188.9	190.2	191.6	192.9	194.2	197.5	200.8	203.7
47.5°	194.5	191.6	188.6	185.6	186.3	187.0	187.3	187.9	190.9	193.5	196.5
50°	191.6	189.3	187.3	185.0	184.0	183.3	182.3	181.4	183.7	186.0	188.3
52.5°	187.9	185.6	183.0	180.7	179.4	178.1	176.7	175.4	177.4	179.1	181.0
55°	185.6	182.7	180.0	177.1	175.4	173.8	172.1	170.5	171.8	172.8	174.1
57.5°	180.7	178.1	175.1	172.5	170.5	168.5	166.2	164.2	164.9	165.6	166.2
60°	174.1	171.2	168.5	165.6	163.3	160.9	158.3	156.0	156.3	157.0	157.3
62.5°	164.6	161.9	159.0	156.3	153.7	151.4	148.8	146.1	146.8	147.1	147.8
65°	154.0	151.1	148.4	145.5	143.2	140.9	138.2	135.9	136.6	137.3	137.6
67.5°	141.2	138.9	136.9	134.6	132.6	130.3	128.4	126.1	126.4	126.7	127.0
70°	127.4	125.4	123.8	121.8	120.1	118.5	116.8	115.2	115.2	115.5	115.5
72.5°	112.6	110.9	109.3	107.6	106.0	104.7	103.0	101.4	102.0	102.7	103.0
75°	97.4	96.1	94.5	92.8	91.5	90.2	88.5	87.2	87.9	88.5	88.9
77.5°	81.6	80.6	79.3	78.3	77.0	75.7	74.1	72.7	73.4	74.1	74.4
80°	65.2	64.5	63.5	62.9	61.5	60.2	58.9	57.6	57.9	57.9	58.3
82.5°	47.1	47.4	47.4	47.7	46.7	45.4	44.4	43.1	43.1	43.1	42.8
85°	26.3	27.6	28.6	29.6	28.6	27.6	26.7	25.7	25.3	25.3	25.0
87.5°	1.0	1.6	2.6	3.3	3.0	2.6	2.0	1.6	2.0	2.3	2.3
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: P367382
 CATALOG NUMBER: MSA-SA2B-830-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: P367382
 CATALOG NUMBER: MSA-SA2B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2
2.5°	687.6	693.2	698.8	704.4	710.0	718.5	727.1	736.0	744.8	739.9	734.6
5°	719.8	723.1	726.7	730.0	733.3	742.9	752.1	763.6	774.8	773.5	771.8
7.5°	584.2	588.8	593.4	597.7	602.3	616.8	631.3	643.5	655.6	654.0	652.0
10°	456.2	465.7	475.6	485.2	494.7	506.5	518.1	528.3	538.5	555.6	572.4
12.5°	409.8	424.6	439.4	454.2	469.0	477.6	485.8	499.0	512.1	521.4	530.9
15°	371.9	385.8	399.6	413.4	427.2	427.9	428.5	442.4	456.2	464.1	471.7
17.5°	337.4	344.9	352.5	359.7	367.3	364.7	362.1	368.6	374.9	378.2	381.8
20°	297.9	303.1	308.4	313.7	318.9	322.6	325.8	329.8	333.4	330.1	326.5
22.5°	274.8	282.7	291.0	298.9	306.8	309.1	311.0	308.7	306.4	305.4	304.5
25°	256.1	265.6	275.5	285.0	294.6	299.2	303.8	305.8	307.4	303.8	300.2
27.5°	241.6	253.1	264.3	275.8	287.0	295.2	303.5	305.8	307.7	305.1	302.1
30°	231.1	243.6	256.1	268.6	281.1	293.6	305.8	316.6	327.2	326.2	325.2
32.5°	229.4	238.0	246.5	255.1	263.6	271.5	279.1	279.8	280.1	277.5	274.5
35°	222.5	228.1	233.7	239.3	244.9	249.8	254.4	253.8	253.1	250.5	247.8
37.5°	216.2	221.8	227.8	233.4	239.0	247.5	255.7	254.1	252.1	249.5	246.9
40°	215.3	221.5	227.8	233.7	239.9	247.8	255.7	254.1	252.4	249.2	245.9
42.5°	213.0	219.2	225.1	231.4	237.3	246.9	256.1	253.1	249.8	247.2	244.6
45°	207.0	212.6	218.2	223.8	229.4	239.6	249.8	246.2	242.6	241.6	240.3
47.5°	199.1	204.7	210.3	215.9	221.5	231.7	241.6	238.6	235.3	235.0	234.3
50°	190.6	195.8	201.4	206.7	212.0	222.2	232.0	229.4	226.8	227.1	227.1
52.5°	182.7	187.6	192.2	197.2	201.8	212.0	221.8	219.9	217.6	218.2	218.5
55°	175.1	179.1	183.0	187.0	190.9	200.8	210.6	207.7	204.7	205.7	206.7
57.5°	166.9	170.2	173.5	176.4	179.7	189.6	199.1	195.8	192.2	193.9	195.2
60°	157.7	160.6	163.6	166.2	169.2	178.1	186.6	183.7	180.4	182.7	184.6
62.5°	148.1	150.4	152.7	155.0	157.3	165.6	173.8	171.5	169.2	171.8	174.1
65°	138.2	139.9	141.9	143.5	145.2	153.0	160.6	159.0	157.3	159.6	161.9
67.5°	127.4	128.7	130.3	131.7	133.0	140.2	147.5	145.8	143.8	145.8	147.5
70°	115.5	116.8	117.8	119.1	120.1	126.7	133.3	131.0	128.4	130.3	132.0
72.5°	103.7	104.3	105.3	106.0	106.6	111.6	116.5	114.5	112.6	114.5	116.2
75°	89.5	90.2	90.8	91.5	92.2	96.4	100.4	98.1	95.5	97.4	99.4
77.5°	75.0	75.4	76.0	76.4	76.7	79.7	82.3	80.0	77.3	79.7	82.0
80°	58.3	58.6	58.9	58.9	59.2	60.2	61.2	59.6	57.6	60.6	63.5
82.5°	42.8	42.5	42.5	42.1	41.8	41.8	41.5	40.5	39.2	41.8	44.4
85°	24.7	24.4	23.7	23.4	22.7	21.7	20.7	20.4	20.1	22.4	24.7
87.5°	2.6	2.3	1.6	1.3	0.7	0.3	0.0	0.0	0.0	1.3	3.0
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: P367382
 CATALOG NUMBER: MSA-SA2B-830-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: P367382

CATALOG NUMBER: MSA-SA2B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2
2.5°	729.7	724.4	719.5	714.6	709.6	704.7	713.9	723.1	732.3	741.5	749.8
5°	770.5	768.9	764.6	760.6	756.4	752.1	754.4	757.0	759.3	761.6	766.6
7.5°	650.4	648.4	657.6	666.5	675.7	684.6	686.9	688.9	691.2	693.2	691.8
10°	589.5	606.3	610.6	614.5	618.8	622.7	629.3	635.9	642.1	648.7	652.4
12.5°	540.1	549.3	564.5	579.9	595.1	610.2	620.1	630.0	639.8	649.7	670.1
15°	479.6	487.1	498.6	510.2	521.7	533.2	547.4	561.8	576.0	590.1	612.5
17.5°	385.1	388.4	396.9	405.5	413.7	422.3	441.4	460.1	479.2	498.0	523.7
20°	323.2	319.6	319.6	319.9	319.9	319.9	339.0	357.8	376.9	395.6	429.5
22.5°	303.1	302.1	298.5	294.6	291.0	287.0	296.9	307.1	317.0	326.8	354.5
25°	296.2	292.6	288.0	283.4	278.8	274.2	280.4	286.7	292.9	299.2	320.9
27.5°	299.5	296.6	298.9	300.8	303.1	305.1	307.1	309.1	311.0	313.0	320.6
30°	324.2	323.2	326.8	330.1	333.7	337.0	332.4	328.2	323.5	318.9	321.6
32.5°	271.9	268.9	267.6	266.3	265.0	263.6	263.3	263.0	262.3	262.0	267.9
35°	245.2	242.6	240.6	238.6	236.3	234.3	235.3	236.0	237.0	237.6	244.2
37.5°	244.2	241.6	239.3	237.0	234.3	232.0	233.0	234.3	235.3	236.3	241.3
40°	242.6	239.3	238.0	236.7	235.3	234.0	234.7	235.3	235.7	236.3	239.9
42.5°	241.6	239.0	238.3	237.6	237.0	236.3	237.0	237.6	238.0	238.6	242.9
45°	239.3	238.0	238.6	239.3	239.9	240.6	240.6	240.6	240.6	240.6	245.2
47.5°	234.0	233.4	235.3	237.3	239.3	241.3	244.6	247.8	250.8	254.1	255.1
50°	227.4	227.4	230.7	234.0	237.0	240.3	248.2	255.7	263.6	271.2	266.3
52.5°	219.2	219.5	224.5	229.1	234.0	238.6	245.9	253.1	260.0	267.3	260.0
55°	207.4	208.3	214.6	220.5	226.8	232.7	238.3	243.9	249.5	255.1	247.5
57.5°	196.8	198.1	204.7	211.0	217.6	223.8	227.1	230.7	234.0	237.3	232.4
60°	187.0	188.9	197.5	206.0	214.3	222.8	220.2	217.6	214.6	212.0	211.6
62.5°	176.7	179.1	187.0	194.9	202.4	210.3	206.4	202.4	198.1	194.2	195.8
65°	163.9	166.2	169.8	173.5	176.7	180.4	180.0	180.0	179.7	179.4	182.7
67.5°	149.4	151.1	153.4	155.4	157.7	159.6	160.9	162.6	163.9	165.2	169.2
70°	134.0	135.6	137.9	139.9	142.2	144.2	145.8	147.5	148.8	150.4	154.4
72.5°	118.2	119.8	122.1	124.4	126.4	128.7	130.0	131.3	132.3	133.6	136.9
75°	101.4	103.3	105.7	107.6	109.9	111.9	112.9	113.9	114.9	115.9	118.8
77.5°	84.3	86.6	88.9	91.2	93.5	95.8	96.1	96.4	96.8	97.1	99.7
80°	66.2	69.1	71.4	73.7	76.0	78.3	78.3	78.3	78.3	78.3	79.7
82.5°	47.1	49.7	52.3	54.6	57.3	59.6	59.6	59.2	59.2	58.9	58.9
85°	27.0	29.3	30.9	32.9	34.6	36.2	36.2	36.2	35.9	35.9	35.2
87.5°	4.3	5.6	6.3	7.2	7.9	8.6	8.2	8.2	7.9	7.6	6.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367382
 CATALOG NUMBER: MSA-SA2B-830-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: P367382
 CATALOG NUMBER: MSA-SA2B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2
2.5°	758.0	766.2	774.5	773.1	771.8	770.5	769.2	774.1	778.7	783.7	788.3
5°	771.2	776.1	780.7	784.3	788.0	791.6	795.2	812.0	828.4	845.2	861.7
7.5°	690.5	688.9	687.6	703.0	718.8	734.3	749.8	771.2	792.6	814.0	835.4
10°	656.0	659.6	663.2	669.5	676.1	682.3	688.6	709.6	730.7	751.8	772.8
12.5°	690.2	710.6	730.7	735.6	740.9	745.8	750.8	755.0	759.3	763.3	767.6
15°	634.9	657.3	679.7	692.5	705.3	717.9	730.7	762.9	794.9	827.1	859.1
17.5°	549.0	574.7	600.0	631.6	663.2	694.8	726.4	756.0	785.7	814.9	844.6
20°	463.4	497.0	530.9	565.5	599.7	634.3	668.5	697.4	726.4	755.0	784.0
22.5°	381.8	409.4	436.8	478.9	520.7	562.8	604.6	658.6	712.3	766.2	819.9
25°	342.3	364.0	385.4	428.9	472.3	515.4	558.9	629.0	698.8	768.9	838.6
27.5°	328.5	336.1	343.6	383.1	422.3	461.8	500.9	576.7	652.4	727.7	803.4
30°	324.2	326.8	329.5	360.4	391.3	422.3	453.2	527.9	603.0	677.7	752.4
32.5°	273.5	279.4	285.0	315.3	345.3	375.5	405.5	480.9	555.9	631.3	706.3
35°	250.8	257.4	264.0	293.6	323.2	352.5	382.1	461.5	541.1	620.4	699.7
37.5°	246.2	251.1	256.1	289.6	323.2	356.8	390.4	470.7	551.0	631.3	711.6
40°	243.9	247.5	251.1	283.7	316.6	349.2	381.8	466.1	550.0	634.3	718.2
42.5°	246.9	251.1	255.1	284.7	314.0	343.6	372.9	460.1	547.0	634.3	721.1
45°	249.5	254.1	258.4	286.0	313.7	341.3	369.0	462.1	554.9	648.1	740.9
47.5°	255.7	256.7	257.4	281.4	305.1	329.1	352.8	447.6	542.4	636.9	731.7
50°	261.0	256.1	250.8	275.8	300.5	325.5	350.2	440.1	529.9	619.4	709.3
52.5°	252.8	245.2	238.0	265.0	291.9	318.6	345.6	435.5	525.6	615.5	705.3
55°	240.3	232.7	225.1	252.4	279.8	307.1	334.4	423.9	513.8	603.3	692.8
57.5°	227.8	222.8	217.9	240.3	263.0	285.4	307.7	404.8	501.6	598.7	695.5
60°	211.3	210.6	210.3	227.8	245.5	263.0	280.4	375.5	470.3	565.5	660.3
62.5°	197.2	198.8	200.1	214.3	228.4	242.2	256.4	348.2	440.4	532.2	624.0
65°	186.3	189.6	192.9	209.0	225.1	240.9	257.1	334.1	411.1	488.1	565.1
67.5°	173.1	177.1	181.0	202.1	223.2	244.2	265.3	328.8	392.3	455.9	519.4
70°	158.0	161.9	165.6	192.5	219.2	246.2	272.9	329.1	385.8	442.0	498.3
72.5°	140.2	143.5	146.8	175.8	204.7	233.7	262.7	310.4	358.1	405.5	453.2
75°	122.1	125.1	128.0	153.0	178.1	203.1	228.1	265.0	301.5	338.4	374.9
77.5°	102.0	104.7	107.0	123.8	140.5	157.3	174.1	202.4	230.4	258.7	286.7
80°	81.0	82.3	83.6	93.5	103.0	112.9	122.4	141.2	160.0	178.4	197.2
82.5°	59.2	59.2	59.2	65.5	72.1	78.3	84.6	94.1	103.3	112.9	122.1
85°	34.6	33.6	32.9	37.2	41.5	45.8	50.0	54.0	57.9	61.9	65.8
87.5°	5.6	4.3	3.3	5.9	8.6	11.2	13.8	15.1	16.8	18.1	19.4
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):

	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: P367382

CATALOG NUMBER: MSA-SA2B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2
2.5°	777.1	766.2	755.0	743.9	760.3	776.8	793.2	809.7	853.5	879.5	881.1
5°	875.5	889.3	903.2	917.0	930.8	944.6	958.1	971.9	1043.0	1086.8	1095.0
7.5°	858.1	881.1	903.8	926.5	965.7	1004.9	1044.0	1083.2	1143.4	1186.9	1215.5
10°	801.1	829.4	857.7	886.0	932.5	979.2	1025.6	1072.0	1135.9	1193.1	1220.4
12.5°	812.6	857.7	902.5	947.6	987.7	1028.2	1068.4	1108.5	1152.6	1174.4	1224.1
15°	890.3	921.6	952.9	984.1	1044.7	1104.9	1165.5	1225.7	1250.7	1300.4	1345.2
17.5°	902.2	959.4	1017.0	1074.3	1148.4	1222.4	1296.5	1370.5	1416.9	1481.1	1535.1
20°	865.3	946.3	1027.6	1108.5	1204.0	1299.8	1395.2	1490.7	1549.6	1603.6	1687.2
22.5°	909.4	998.9	1088.1	1177.7	1304.4	1430.8	1557.5	1683.9	1807.0	1927.4	1984.0
25°	958.1	1077.9	1197.4	1316.9	1475.2	1633.2	1791.5	1949.5	2107.8	2220.7	2285.9
27.5°	923.9	1044.0	1164.5	1284.6	1480.5	1676.6	1872.5	2068.3	2237.8	2373.7	2429.7
30°	899.9	1047.3	1194.8	1342.2	1572.0	1801.7	2031.4	2261.2	2417.9	2569.6	2651.9
32.5°	895.6	1084.8	1273.8	1463.0	1730.6	1997.9	2265.5	2532.7	2636.7	2771.3	2882.3
35°	907.4	1115.5	1323.1	1530.8	1837.6	2144.3	2450.8	2757.5	2905.3	3038.6	3135.7
37.5°	943.6	1175.7	1407.4	1639.4	2009.1	2379.0	2748.6	3118.3	3366.1	3610.0	3653.4
40°	964.0	1210.2	1456.1	1702.0	2131.8	2561.7	2991.5	3421.4	3706.4	3974.0	3992.1
42.5°	988.1	1255.0	1521.6	1788.5	2265.1	2742.1	3218.6	3695.2	4048.1	4335.7	4344.3
45°	1015.7	1290.2	1565.1	1839.6	2337.2	2834.5	3332.2	3829.5	4256.1	4605.6	4520.4
47.5°	1026.6	1321.8	1616.7	1911.6	2442.2	2972.5	3503.0	4033.3	4416.1	4734.0	4652.4
50°	1030.9	1352.8	1674.3	1995.9	2545.6	3095.6	3645.2	4194.9	4584.2	4894.3	4769.2
52.5°	1057.5	1409.7	1761.9	2114.1	2686.8	3259.5	3832.2	4404.9	4788.0	5085.9	4930.5
55°	1093.4	1494.0	1894.2	2294.8	2887.5	3480.0	4072.8	4665.2	5049.6	5326.8	5134.2
57.5°	1126.6	1558.1	1989.3	2420.5	3034.7	3649.2	4263.3	4877.5	5266.9	5541.1	5354.4
60°	1110.5	1560.8	2011.0	2461.3	3064.9	3668.3	4271.9	4875.2	5317.2	5646.0	5550.6
62.5°	1061.8	1499.6	1937.0	2374.7	2947.8	3520.5	4093.5	4666.2	5183.6	5605.2	5601.0
65°	968.0	1370.9	1773.4	2176.3	2706.5	3237.1	3767.3	4297.6	4907.5	5419.6	5452.8
67.5°	853.8	1188.2	1522.6	1857.0	2356.3	2855.6	3354.9	3854.2	4506.2	5071.4	5100.0
70°	743.2	988.4	1233.3	1478.2	1916.6	2355.0	2793.1	3231.5	3890.1	4461.8	4488.1
72.5°	613.5	773.8	933.8	1094.1	1449.2	1804.3	2159.2	2514.3	3092.6	3532.3	3680.8
75°	470.0	565.1	660.3	755.4	1042.7	1330.1	1617.1	1904.4	2288.8	2613.4	2780.6
77.5°	336.1	385.4	434.8	484.2	728.4	972.6	1216.5	1460.7	1662.8	1846.8	1959.7
80°	220.5	243.6	266.9	290.0	493.1	696.1	898.9	1102.0	1225.1	1323.8	1380.7
82.5°	133.6	145.2	156.3	167.9	332.4	497.0	661.2	825.8	896.2	943.3	994.0
85°	72.1	78.3	84.6	90.8	196.5	301.8	407.5	512.8	519.7	525.3	600.7
87.5°	21.1	23.0	24.7	26.3	43.4	60.9	78.0	95.1	59.2	36.9	75.7
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



REPORT NUMBER: P367382
 CATALOG NUMBER: MSA-SA2B-830-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: P367382

CATALOG NUMBER: MSA-SA2B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2
2.5°	871.6	867.3	863.0	858.4	854.1	836.0	818.2	800.1	782.0	799.5	816.6
5°	1085.5	1098.7	1111.5	1124.7	1137.8	1138.8	1139.5	1140.5	1141.1	1144.4	1147.7
7.5°	1239.5	1262.9	1285.9	1309.3	1332.7	1350.8	1368.9	1387.3	1405.4	1389.0	1372.5
10°	1252.7	1302.1	1351.4	1400.8	1450.2	1459.1	1467.6	1476.5	1485.4	1497.3	1508.8
12.5°	1265.9	1326.1	1386.0	1446.2	1506.5	1532.8	1558.8	1585.1	1611.1	1624.0	1636.5
15°	1405.1	1440.6	1475.9	1511.4	1546.6	1564.7	1582.5	1600.6	1618.7	1629.6	1640.1
17.5°	1584.1	1597.3	1610.1	1623.3	1636.5	1648.7	1660.8	1673.0	1685.2	1687.2	1689.1
20°	1747.4	1750.0	1752.3	1755.0	1757.3	1731.6	1706.3	1680.6	1654.9	1659.5	1663.8
22.5°	1992.3	1977.8	1963.6	1949.2	1935.0	1886.6	1838.6	1790.2	1742.1	1721.4	1701.0
25°	2360.9	2324.0	2287.2	2250.3	2213.5	2136.4	2059.8	1982.7	1906.0	1861.0	1816.2
27.5°	2479.7	2399.4	2319.4	2239.1	2158.8	2100.6	2042.6	1984.4	1926.4	1855.0	1783.6
30°	2720.0	2593.3	2466.9	2340.2	2213.5	2157.2	2100.9	2044.3	1988.0	1914.9	1842.2
32.5°	2933.0	2801.3	2669.6	2537.7	2406.0	2299.4	2192.7	2086.1	1979.4	1930.1	1880.7
35°	3179.5	3013.9	2848.4	2682.8	2517.3	2425.8	2334.6	2243.1	2151.9	2077.2	2002.8
37.5°	3538.6	3362.5	3186.4	3010.0	2833.9	2710.1	2586.7	2462.9	2339.5	2298.4	2257.6
40°	3880.9	3672.9	3465.2	3257.2	3049.5	2954.7	2859.9	2764.8	2670.0	2600.5	2531.1
42.5°	4167.6	3961.8	3756.5	3550.8	3345.4	3276.2	3207.5	3138.3	3069.5	3012.3	2955.0
45°	4266.0	4098.1	3930.6	3762.7	3594.9	3570.5	3546.5	3522.1	3498.1	3455.6	3413.2
47.5°	4424.3	4253.1	4082.3	3911.2	3740.0	3748.9	3757.8	3767.0	3775.9	3778.2	3780.2
50°	4517.4	4354.8	4192.6	4030.0	3867.7	3910.8	3953.6	3996.7	4039.9	4137.6	4235.0
52.5°	4653.4	4493.7	4334.4	4174.8	4015.2	4088.2	4161.0	4234.0	4306.8	4443.7	4580.6
55°	4823.9	4671.1	4518.7	4366.0	4213.6	4284.7	4355.5	4426.6	4497.4	4649.7	4802.1
57.5°	5050.0	4886.4	4723.1	4559.6	4396.3	4461.8	4527.0	4592.5	4657.6	4802.5	4947.3
60°	5307.4	5129.6	4951.9	4773.8	4596.1	4614.2	4632.0	4650.1	4667.8	4824.8	4981.5
62.5°	5433.8	5269.2	5104.9	4940.4	4775.8	4725.4	4675.1	4624.4	4574.0	4714.6	4854.8
65°	5324.2	5210.9	5098.0	4984.8	4871.6	4782.7	4694.2	4605.3	4516.4	4604.3	4691.9
67.5°	4975.3	4911.1	4847.2	4783.0	4718.9	4569.8	4420.7	4271.2	4122.1	4128.1	4133.7
70°	4409.8	4392.7	4375.9	4358.8	4341.7	4117.5	3893.7	3669.6	3445.4	3411.2	3377.0
72.5°	3693.3	3704.5	3715.3	3726.5	3737.7	3496.8	3255.8	3014.9	2774.0	2717.0	2660.1
75°	2860.5	2922.4	2984.3	3046.5	3108.4	2878.0	2647.6	2416.9	2186.5	2116.4	2046.3
77.5°	2021.2	2136.8	2252.0	2367.5	2483.0	2274.7	2066.7	1858.3	1650.0	1604.6	1559.1
80°	1409.4	1466.0	1522.6	1579.2	1635.8	1531.2	1426.5	1321.8	1217.2	1229.7	1241.8
82.5°	1026.6	1039.7	1052.6	1065.8	1078.9	1036.1	993.3	950.2	907.4	940.0	972.6
85°	657.6	704.7	751.4	798.5	845.2	797.8	750.4	702.7	655.3	677.0	698.8
87.5°	147.1	232.7	318.3	404.2	489.8	443.7	397.9	351.8	305.8	285.0	264.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P367382

CATALOG NUMBER: MSA-SA2B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2
2.5°	834.0	851.5	846.2	841.3	836.0	830.7	840.3	849.8	859.7	869.3	866.0
5°	1151.3	1154.6	1123.4	1092.4	1061.1	1029.9	1049.3	1068.7	1088.1	1107.6	1100.6
7.5°	1356.1	1339.6	1321.5	1303.4	1285.0	1266.9	1262.9	1259.0	1254.7	1250.7	1245.5
10°	1520.6	1532.1	1520.3	1508.8	1496.9	1485.1	1457.4	1429.8	1401.8	1374.2	1362.6
12.5°	1649.3	1662.2	1665.1	1667.7	1670.7	1673.7	1642.7	1612.1	1581.2	1550.2	1522.3
15°	1651.0	1661.8	1671.4	1680.6	1690.1	1699.3	1680.3	1661.5	1642.4	1623.3	1614.4
17.5°	1691.4	1693.4	1685.5	1677.9	1670.1	1662.5	1654.9	1647.7	1640.1	1632.9	1618.7
20°	1668.4	1673.0	1672.0	1671.0	1669.7	1668.7	1669.4	1669.7	1670.4	1670.7	1662.8
22.5°	1680.3	1659.5	1663.8	1667.7	1672.0	1676.0	1687.8	1699.7	1711.9	1723.7	1755.3
25°	1771.1	1726.0	1719.1	1712.5	1705.6	1699.0	1730.0	1760.6	1791.5	1822.4	1873.8
27.5°	1711.9	1640.4	1624.6	1608.8	1593.0	1577.2	1624.3	1671.0	1718.1	1765.2	1817.5
30°	1769.1	1696.4	1661.5	1626.6	1591.4	1556.5	1601.6	1646.4	1691.4	1736.2	1794.1
32.5°	1831.3	1782.0	1758.6	1735.5	1712.2	1689.1	1692.8	1696.4	1700.0	1703.6	1785.2
35°	1928.1	1853.4	1830.3	1807.3	1784.3	1761.2	1799.7	1837.9	1876.4	1914.6	1983.7
37.5°	2216.4	2175.3	2133.8	2092.3	2050.5	2009.1	2031.8	2054.5	2077.2	2099.9	2165.1
40°	2461.6	2392.2	2385.3	2378.7	2371.8	2364.9	2366.8	2368.5	2370.5	2372.4	2428.1
42.5°	2897.4	2840.1	2804.9	2769.7	2734.5	2699.3	2697.0	2694.7	2692.0	2689.7	2731.5
45°	3370.4	3327.9	3301.6	3275.3	3248.6	3222.3	3180.5	3138.7	3096.5	3054.7	3091.3
47.5°	3782.5	3784.8	3832.5	3879.9	3927.6	3975.3	3903.9	3832.5	3761.1	3689.6	3642.6
50°	4332.8	4430.2	4441.7	4452.9	4464.4	4476.0	4354.8	4234.0	4112.9	3991.8	3942.4
52.5°	4717.9	4854.8	4837.0	4819.6	4801.8	4784.0	4713.9	4644.1	4574.0	4503.9	4396.3
55°	4954.9	5107.2	5093.8	5080.6	5067.1	5053.6	5002.6	4951.6	4900.5	4849.5	4731.4
57.5°	5092.1	5236.9	5240.9	5244.8	5248.8	5252.7	5239.2	5225.7	5212.2	5198.7	5045.0
60°	5138.5	5295.5	5297.2	5298.5	5300.1	5301.4	5280.0	5258.7	5236.9	5215.5	5115.1
62.5°	4995.3	5135.6	5141.8	5147.7	5154.0	5160.2	5145.4	5130.6	5115.8	5101.0	5026.6
65°	4779.8	4867.6	4869.3	4870.6	4872.2	4873.9	4836.4	4799.2	4761.7	4724.1	4706.4
67.5°	4139.6	4145.5	4180.4	4215.3	4250.2	4285.1	4288.0	4291.0	4294.3	4297.2	4271.6
70°	3342.7	3308.5	3346.4	3384.2	3422.1	3459.9	3476.0	3492.2	3508.6	3524.7	3536.6
72.5°	2602.8	2545.9	2573.9	2601.8	2630.1	2658.1	2634.1	2610.1	2586.0	2562.0	2638.0
75°	1976.1	1906.0	1902.4	1899.1	1895.5	1892.2	1880.0	1867.9	1855.4	1843.2	1914.3
77.5°	1513.4	1468.0	1470.3	1472.2	1474.5	1476.5	1464.0	1451.8	1439.3	1426.8	1454.1
80°	1254.3	1266.5	1266.9	1267.2	1267.5	1267.8	1256.0	1244.5	1232.6	1220.8	1201.0
82.5°	1005.5	1038.1	1037.8	1037.8	1037.4	1037.1	1036.5	1035.8	1034.8	1034.2	1001.9
85°	720.5	742.2	719.8	697.4	675.1	652.7	669.1	685.6	702.4	718.8	705.3
87.5°	243.9	223.5	196.8	170.5	143.8	117.2	145.8	174.4	203.4	232.0	248.5
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: P367382
 CATALOG NUMBER: MSA-SA2B-830-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



REPORT NUMBER: P367382

CATALOG NUMBER: MSA-SA2B-830-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2	715.2
2.5°	863.0	859.7	856.7	836.0	814.9	794.2	773.1	811.3	849.8	888.0	926.2
5°	1094.1	1087.1	1080.6	1078.9	1077.3	1075.3	1073.7	1093.1	1112.5	1131.6	1151.0
7.5°	1240.2	1234.9	1229.7	1215.8	1202.3	1188.5	1174.7	1186.5	1198.1	1209.9	1221.4
10°	1351.4	1339.9	1328.4	1298.5	1268.8	1238.9	1208.9	1200.0	1191.2	1182.3	1173.4
12.5°	1494.3	1466.0	1438.0	1404.1	1369.9	1336.0	1301.7	1297.1	1292.5	1288.2	1283.6
15°	1605.9	1597.0	1588.1	1561.1	1534.1	1507.1	1480.1	1443.9	1407.4	1371.2	1335.0
17.5°	1604.9	1590.7	1576.9	1613.1	1649.0	1685.2	1721.1	1682.6	1643.7	1605.2	1566.7
20°	1654.9	1646.7	1638.8	1705.6	1772.1	1838.9	1905.4	1884.3	1862.9	1841.9	1820.5
22.5°	1786.6	1818.2	1849.4	1906.7	1963.6	2020.9	2077.9	2101.9	2125.9	2149.9	2174.0
25°	1924.8	1976.1	2027.5	2112.7	2197.7	2282.9	2368.2	2385.3	2402.4	2419.5	2436.6
27.5°	1869.5	1921.8	1974.2	2038.7	2102.9	2167.4	2231.6	2306.6	2382.0	2457.0	2532.1
30°	1851.7	1909.7	1967.3	2055.8	2144.0	2232.5	2321.1	2424.4	2527.8	2630.8	2734.2
32.5°	1866.5	1948.2	2029.8	2149.6	2269.1	2388.9	2508.7	2617.3	2726.3	2834.9	2943.5
35°	2052.5	2121.6	2190.4	2324.4	2458.3	2592.3	2726.3	2853.6	2981.0	3108.1	3235.4
37.5°	2229.9	2295.1	2360.3	2497.2	2633.8	2770.7	2907.6	3108.7	3310.1	3511.3	3712.4
40°	2483.4	2539.0	2594.3	2711.4	2828.6	2945.8	3063.0	3305.5	3548.1	3790.7	4033.3
42.5°	2773.0	2814.8	2856.3	2977.7	3099.2	3220.6	3342.1	3606.0	3870.3	4134.3	4398.3
45°	3127.5	3164.0	3200.5	3284.1	3367.7	3451.7	3535.3	3807.5	4079.7	4351.9	4624.1
47.5°	3595.5	3548.4	3501.4	3542.5	3583.7	3624.8	3665.9	3935.2	4204.4	4473.3	4742.6
50°	3893.1	3843.7	3794.3	3797.9	3801.2	3804.8	3808.5	4059.6	4310.7	4561.5	4812.7
52.5°	4288.7	4180.7	4073.1	4072.1	4071.1	4069.8	4068.8	4287.7	4506.9	4725.8	4944.7
55°	4613.2	4495.0	4376.9	4353.8	4330.8	4307.4	4284.4	4501.0	4717.2	4933.8	5150.0
57.5°	4891.3	4737.3	4583.6	4547.4	4511.2	4475.0	4438.8	4672.1	4905.8	5139.2	5372.5
60°	5015.1	4914.7	4814.6	4770.2	4725.8	4681.3	4636.9	4835.7	5034.5	5233.0	5431.8
62.5°	4952.6	4878.2	4804.1	4814.3	4824.5	4834.7	4844.9	4958.5	5072.4	5185.9	5299.5
65°	4688.9	4671.1	4653.7	4736.0	4818.3	4900.5	4982.8	4984.5	4986.1	4987.8	4989.4
67.5°	4245.9	4220.2	4194.5	4365.7	4536.5	4707.7	4878.8	4797.5	4716.2	4635.3	4554.0
70°	3548.1	3560.0	3571.5	3804.5	4037.2	4270.2	4503.3	4385.4	4267.3	4149.5	4031.3
72.5°	2714.1	2790.4	2866.5	3108.1	3349.6	3591.2	3832.8	3698.2	3563.3	3428.6	3293.7
75°	1985.4	2056.5	2127.6	2366.2	2604.8	2843.8	3082.4	2922.4	2762.5	2602.8	2442.9
77.5°	1481.5	1509.1	1536.4	1734.9	1933.0	2131.5	2329.6	2169.0	2008.4	1848.1	1687.5
80°	1181.6	1161.9	1142.4	1252.4	1362.3	1472.2	1582.2	1468.3	1354.1	1240.2	1126.3
82.5°	970.0	937.7	905.8	946.6	987.4	1028.6	1069.4	978.2	887.0	795.9	704.7
85°	691.8	678.4	664.9	676.7	688.2	700.1	711.9	623.1	534.2	445.7	356.8
87.5°	264.6	281.1	297.5	316.3	334.7	353.5	371.9	291.3	210.6	130.3	49.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	715.2	715.2
2.5°	942.0	957.8
5°	1150.7	1150.3
7.5°	1216.2	1210.6
10°	1158.9	1144.4
12.5°	1240.9	1197.7
15°	1292.2	1249.1
17.5°	1501.9	1436.7
20°	1743.1	1665.4
22.5°	2055.8	1937.6
25°	2295.4	2153.9
27.5°	2448.1	2363.9
30°	2637.7	2541.3
32.5°	2872.4	2801.0
35°	3170.3	3104.8
37.5°	3692.0	3671.2
40°	4008.6	3983.6
42.5°	4399.3	4399.9
45°	4638.9	4653.7
47.5°	4780.1	4817.3
50°	4892.6	4972.3
52.5°	5053.6	5162.5
55°	5294.9	5439.3
57.5°	5495.6	5618.7
60°	5495.6	5559.2
62.5°	5297.8	5295.8
65°	4958.8	4927.9
67.5°	4515.1	4476.3
70°	3970.7	3909.8
72.5°	3218.3	3142.6
75°	2339.2	2235.2
77.5°	1638.1	1588.4
80°	1150.3	1174.4
82.5°	738.9	773.1
85°	351.5	346.3
87.5°	41.5	33.2
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: P367382
CATALOG NUMBER: MSA-SA2B-830-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)