

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: P367381

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

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367381
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)
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-HSS
Description: MESA POST TOP DECORATIVE LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5774 lumens
Efficiency: N/A
Efficacy: 67.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

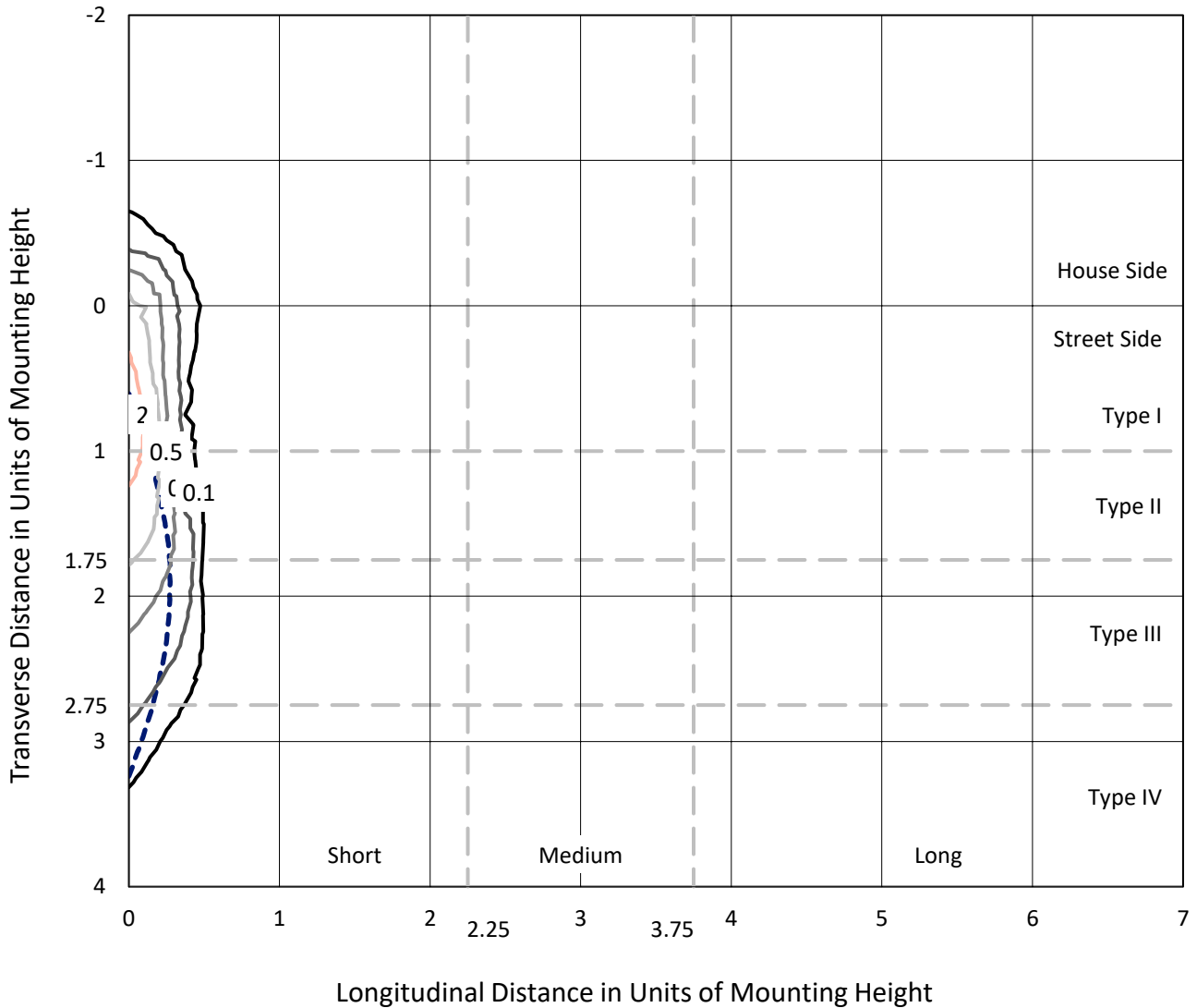
Input Watts (W): 85
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

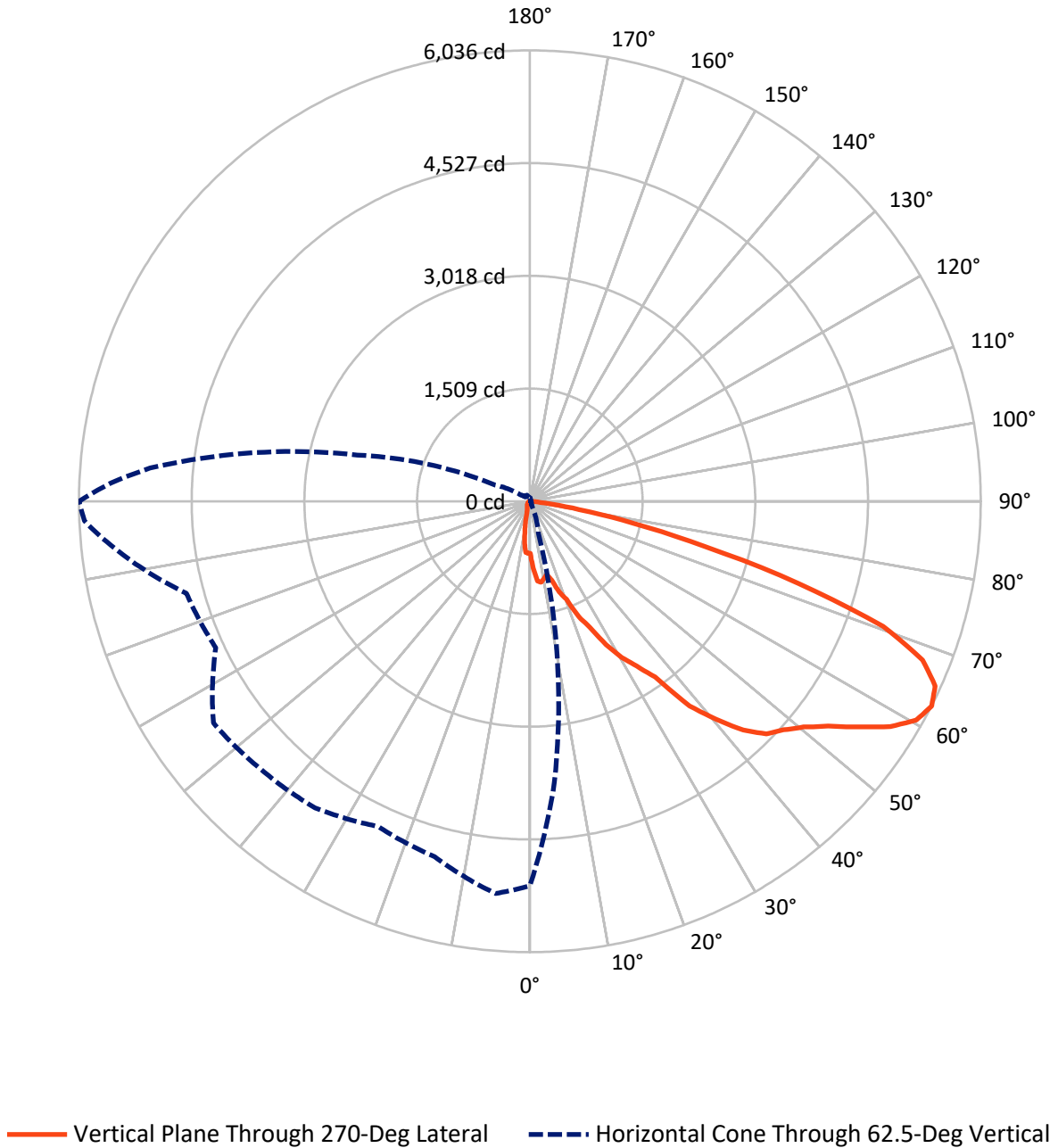
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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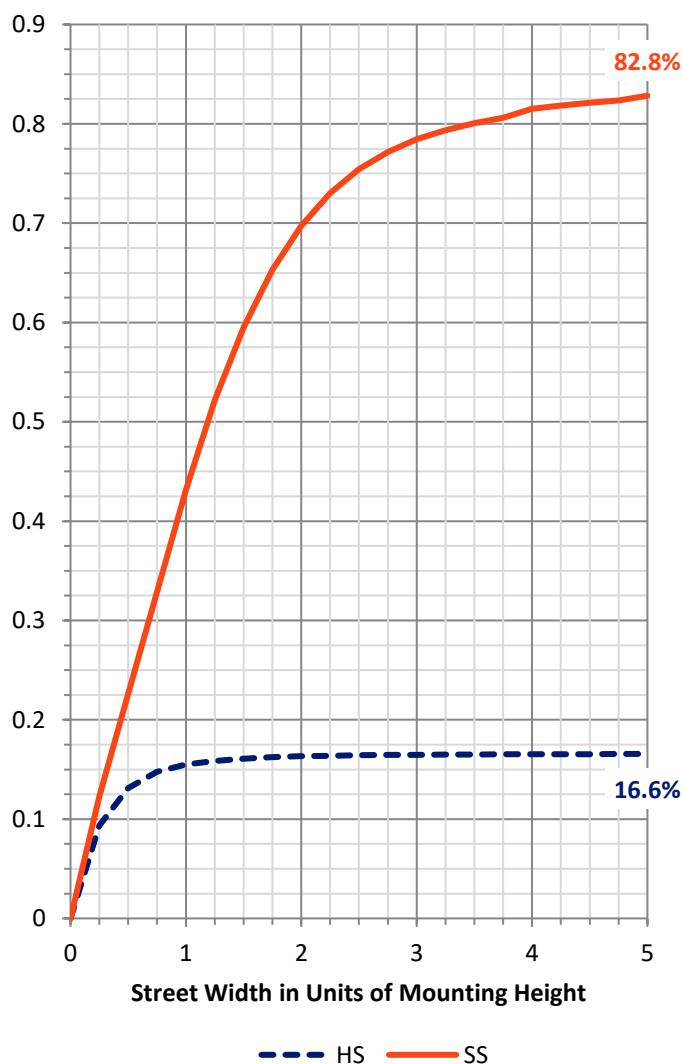
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	964.2	0.0	964.2
	% Fixture	16.7	0.0	16.7
Street Side	Lumens	4809.8	0.0	4809.8
	% Fixture	83.3	0.0	83.3
Total	Lumens	5774.0	0.0	5774.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.7	1.3
10°-20°	203.1	3.5
20°-30°	328.2	5.7
30°-40°	549.7	9.5
40°-50°	898.7	15.6
50°-60°	1330.4	23.0
60°-70°	1527.3	26.5
70°-80°	755.2	13.1
80°-90°	103.7	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5774.0	100.0
0°-180°	5774.0	100.0

Coefficient of Utilization

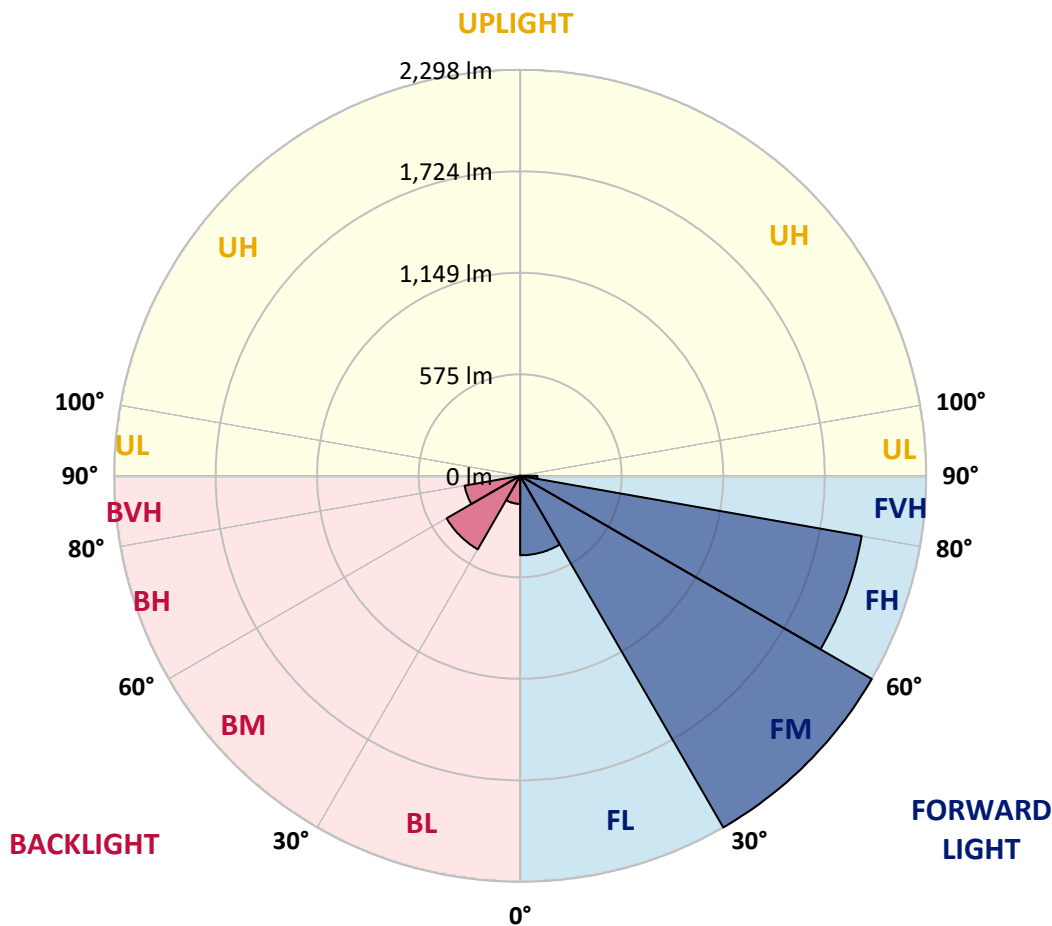


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	449.8	7.8			
FM (30°-60°)	2298.3	39.8			
FH (60°-80°)	1963.4	34.0			G2/5000
FVH (80°-90°)	98.2	1.7			G1/100
BL (0°-30°)	159.2	2.8	B1/500		
BM (30°-60°)	480.5	8.3	B1/1000		
BH (60°-80°)	319.0	5.5	B1/500		G1/500
BVH (80°-90°)	5.5	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
 Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8
2.5°	922.6	934.1	945.3	923.9	902.5	881.1	859.7	840.6	821.5	802.1	783.0
5°	1187.2	1166.1	1145.1	1116.1	1087.1	1058.2	1029.2	1015.7	1002.2	988.7	975.2
7.5°	1279.4	1241.8	1204.0	1178.3	1153.0	1127.3	1101.6	1061.1	1020.3	979.8	939.0
10°	1206.9	1167.1	1127.0	1104.6	1082.2	1059.8	1037.4	987.1	936.4	886.0	835.3
12.5°	1240.2	1197.1	1154.0	1107.9	1061.8	1015.7	969.6	931.1	892.3	853.8	814.9
15°	1263.2	1213.9	1164.2	1111.5	1058.8	1006.2	953.5	908.1	863.0	817.6	772.2
17.5°	1398.5	1327.7	1257.0	1176.0	1095.0	1014.1	933.1	880.4	828.1	775.4	722.8
20°	1572.3	1471.9	1371.2	1261.6	1152.0	1042.4	932.8	867.3	801.8	736.3	670.8
22.5°	1774.4	1649.0	1523.2	1388.0	1253.0	1117.7	982.5	888.3	794.2	700.1	605.9
25°	1977.8	1864.6	1751.3	1569.3	1387.3	1205.0	1023.0	903.5	783.7	664.2	544.4
27.5°	2345.1	2142.7	1940.3	1708.5	1477.2	1245.5	1013.7	876.8	739.9	602.6	465.7
30°	2585.4	2429.7	2273.7	1967.6	1661.8	1355.7	1049.6	876.2	702.7	528.9	355.5
32.5°	2872.7	2644.9	2416.8	2084.7	1752.7	1420.6	1088.5	884.7	680.7	476.9	272.9
35°	3195.6	2947.7	2699.9	2279.3	1858.6	1437.7	1017.0	819.5	622.1	424.6	227.1
37.5°	3766.0	3351.3	2936.6	2446.1	1955.4	1465.0	974.2	777.1	579.6	382.5	185.0
40°	4089.8	3693.9	3297.9	2685.1	2072.2	1459.4	846.5	671.4	496.7	321.6	146.5
42.5°	4511.1	4008.9	3506.3	2821.4	2136.4	1451.5	766.6	604.6	442.7	280.4	118.5
45°	4761.0	4191.9	3622.8	2880.6	2138.4	1396.2	654.0	513.8	373.6	233.4	93.1
47.5°	4918.6	4347.9	3777.2	2980.3	2183.8	1387.0	590.1	461.1	332.1	203.1	74.1
50°	4998.6	4426.2	3853.5	3034.6	2215.7	1396.5	577.6	449.3	320.6	192.2	63.5
52.5°	5081.9	4529.9	3977.6	3128.8	2279.9	1431.1	582.2	451.2	320.6	189.6	58.6
55°	5250.1	4705.7	4160.9	3263.7	2366.5	1469.3	572.0	443.0	314.0	184.6	55.6
57.5°	5456.8	4874.8	4292.6	3362.5	2432.3	1502.2	572.0	442.4	312.7	182.7	53.0
60°	5417.6	4786.0	4154.0	3251.5	2349.0	1446.2	543.7	420.3	297.2	173.8	50.4
62.5°	5148.7	4463.1	3777.2	2943.1	2108.8	1274.7	440.4	342.0	243.6	144.8	46.4
65°	4832.7	4105.0	3376.9	2609.4	1841.5	1074.0	306.1	240.3	174.1	108.3	42.1
67.5°	4452.2	3676.1	2900.0	2217.4	1535.1	852.5	169.8	136.9	104.0	70.8	37.9
70°	3792.0	2990.9	2189.4	1664.8	1140.5	615.8	91.2	77.0	62.9	48.7	34.6
72.5°	2846.7	2112.7	1378.8	1047.3	716.2	384.8	53.3	48.1	42.5	37.2	31.6
75°	1937.0	1387.0	837.0	637.2	437.8	238.0	38.2	35.5	32.6	30.0	27.0
77.5°	1316.9	952.5	588.2	448.9	309.7	170.5	31.3	29.6	28.0	26.0	24.4
80°	822.2	562.8	303.5	233.7	163.6	93.8	23.7	22.7	21.7	20.4	19.4
82.5°	575.0	343.9	112.9	88.2	63.5	38.5	13.8	14.2	14.5	14.5	14.8
85°	241.3	130.3	19.4	16.5	13.5	10.5	7.6	8.2	9.2	9.9	10.5
87.5°	4.3	2.3	0.0	0.7	1.6	2.3	3.0	3.9	4.6	5.6	6.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8
2.5°	788.0	792.9	797.5	802.4	798.5	794.9	790.9	787.0	781.0	775.4	769.5
5°	958.8	942.3	925.9	909.4	884.4	859.4	834.0	809.0	806.1	803.1	799.8
7.5°	900.5	862.0	823.2	784.7	748.5	712.3	676.0	639.8	628.7	617.8	606.6
10°	805.7	776.1	746.2	716.5	690.5	664.2	638.2	611.9	584.5	557.2	529.6
12.5°	784.0	753.1	721.8	690.9	667.2	643.5	619.8	596.1	565.5	534.8	504.2
15°	738.6	705.0	671.4	637.9	606.3	574.7	542.7	511.1	474.3	437.4	400.6
17.5°	683.0	643.5	603.6	563.8	522.3	480.9	439.4	397.9	355.5	313.3	270.9
20°	616.8	562.8	508.5	454.5	403.2	351.8	300.2	248.8	222.2	195.8	169.2
22.5°	536.2	466.1	396.3	326.2	284.0	241.6	199.5	157.0	145.5	134.0	122.4
25°	465.1	385.7	306.4	227.1	200.4	173.8	147.1	120.5	115.2	109.6	104.3
27.5°	391.0	316.6	241.9	167.2	152.1	136.6	121.5	106.0	102.4	99.1	95.4
30°	299.8	244.2	188.3	132.6	122.8	112.9	102.7	92.8	91.2	89.2	87.6
32.5°	232.4	191.6	151.1	110.3	104.7	99.1	93.5	87.9	85.2	82.6	79.7
35°	194.2	161.6	128.7	95.8	91.8	87.6	83.6	79.3	76.7	73.7	71.1
37.5°	160.9	137.2	113.2	89.2	84.9	80.6	76.0	71.8	69.8	67.8	65.8
40°	132.6	118.8	105.0	91.2	84.9	78.7	72.4	66.2	64.5	62.9	61.2
42.5°	109.6	100.7	91.5	82.6	78.0	73.7	69.1	64.5	62.2	59.6	57.3
45°	88.5	83.6	79.0	74.1	74.4	74.7	74.7	75.0	69.1	62.9	56.9
47.5°	71.8	69.4	66.8	64.5	67.1	69.8	72.1	74.7	68.5	62.2	55.6
50°	61.5	59.9	57.9	56.0	58.6	61.5	64.2	66.8	64.2	61.9	59.2
52.5°	56.3	54.0	51.7	49.4	50.4	51.7	52.7	53.6	53.6	53.6	53.6
55°	53.0	50.7	48.1	45.4	44.4	43.1	42.1	40.8	39.2	37.9	36.2
57.5°	50.4	47.7	44.8	42.1	40.5	38.5	36.9	34.9	33.2	31.3	29.6
60°	47.7	45.1	42.1	39.5	37.9	36.2	34.2	32.6	30.6	29.0	27.0
62.5°	44.1	41.8	39.5	37.2	35.5	34.2	32.6	30.9	29.0	27.0	24.7
65°	40.2	38.5	36.5	34.6	32.9	31.3	29.6	28.0	26.0	24.4	22.4
67.5°	36.5	34.9	33.6	31.9	30.0	28.3	26.3	24.4	23.0	21.7	20.1
70°	33.6	32.3	31.3	30.0	28.0	26.3	24.4	22.4	21.4	20.1	19.1
72.5°	30.6	29.6	28.3	27.3	25.7	24.0	22.4	20.7	19.7	18.8	17.8
75°	26.3	25.7	25.0	24.4	22.7	21.1	19.1	17.4	17.1	16.8	16.5
77.5°	23.7	23.4	22.7	22.1	20.4	18.8	17.1	15.5	15.8	16.1	16.1
80°	19.4	19.4	19.1	19.1	17.8	16.5	14.8	13.5	14.2	15.1	15.8
82.5°	14.8	14.8	14.8	14.8	13.5	12.2	10.9	9.5	10.5	11.2	12.2
85°	10.2	9.9	9.5	9.2	8.2	7.6	6.6	5.6	6.9	7.9	9.2
87.5°	6.3	6.6	6.6	6.6	5.9	4.9	4.3	3.3	3.9	4.3	4.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8
2.5°	763.6	753.7	743.8	733.6	723.8	700.7	677.7	654.7	631.6	648.7	665.5
5°	796.8	777.7	758.3	739.2	719.8	711.3	703.0	694.5	685.9	687.2	688.9
7.5°	595.4	582.9	570.4	557.6	545.0	542.4	540.1	537.5	534.8	540.4	545.7
10°	502.3	484.8	467.0	449.6	431.8	422.3	412.7	403.2	393.6	392.7	391.3
12.5°	473.6	447.0	420.6	394.0	367.3	346.6	325.8	305.1	284.4	286.0	287.7
15°	363.7	337.0	310.7	284.0	257.4	240.6	223.5	206.7	189.6	184.6	179.7
17.5°	228.4	208.7	188.9	168.8	149.1	143.5	138.2	132.6	127.0	125.4	123.8
20°	142.5	134.0	125.4	116.5	108.0	106.6	105.3	104.0	102.7	103.7	104.7
22.5°	110.9	107.3	103.3	99.7	95.8	94.5	93.1	91.8	90.5	91.5	92.2
25°	98.7	96.1	93.5	90.8	88.2	86.9	85.2	83.9	82.3	82.9	83.9
27.5°	91.8	89.5	87.2	84.9	82.6	80.3	78.3	76.0	73.7	75.0	76.0
30°	85.6	82.9	80.6	78.0	75.4	73.1	70.8	68.1	65.8	67.1	68.5
32.5°	77.0	74.7	72.1	69.8	67.1	65.8	64.5	62.9	61.5	62.5	63.2
35°	68.1	66.2	64.5	62.5	60.6	59.2	58.3	56.9	55.6	56.0	56.6
37.5°	63.9	61.5	59.2	56.9	54.6	54.0	53.3	52.3	51.7	51.7	51.7
40°	59.6	57.3	55.0	52.3	50.0	49.0	48.1	47.1	46.1	46.1	46.1
42.5°	54.6	52.3	50.0	47.7	45.4	44.4	43.1	42.1	40.8	40.8	40.8
45°	50.7	48.4	46.4	44.1	41.8	40.2	38.5	36.5	34.9	34.6	34.2
47.5°	49.4	46.1	42.8	39.5	36.2	34.6	32.9	30.9	29.3	29.0	28.6
50°	56.6	50.0	43.4	36.9	30.3	29.0	27.6	26.3	25.0	24.4	24.0
52.5°	53.6	46.7	39.8	32.9	26.0	25.0	24.0	23.0	22.1	21.4	20.7
55°	34.6	31.6	29.0	26.0	23.0	22.4	21.7	20.7	20.1	19.4	18.8
57.5°	27.6	26.0	24.7	23.0	21.4	20.7	20.1	19.1	18.4	17.4	16.8
60°	25.0	23.7	22.4	21.1	19.7	19.1	18.4	17.8	17.1	16.1	15.5
62.5°	22.7	21.7	20.7	19.7	18.8	18.1	17.4	16.8	16.1	15.1	14.2
65°	20.4	19.7	19.1	18.4	17.8	17.1	16.5	15.5	14.8	13.8	12.8
67.5°	18.8	18.4	18.1	17.8	17.4	16.8	15.8	15.1	14.2	13.2	11.8
70°	17.8	17.8	17.8	17.4	17.4	16.8	15.8	15.1	14.2	12.8	11.8
72.5°	16.8	17.1	17.4	17.4	17.8	16.8	15.8	14.8	13.8	12.5	11.5
75°	16.1	16.5	16.8	16.8	17.1	16.5	15.8	14.8	14.2	12.8	11.5
77.5°	16.5	16.8	16.8	17.1	17.1	16.5	15.8	14.8	14.2	12.5	10.9
80°	16.5	16.1	15.8	15.1	14.8	13.5	12.2	10.5	9.2	7.2	5.6
82.5°	12.8	12.2	11.8	11.2	10.5	9.2	7.9	6.6	5.3	3.9	2.6
85°	10.2	9.5	9.2	8.6	7.9	6.9	5.6	4.6	3.3	2.6	1.6
87.5°	5.3	4.9	4.3	3.9	3.3	2.6	1.6	1.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8
2.5°	682.6	699.4	697.1	694.8	705.7	716.5	708.6	701.1	693.2	685.3	668.8
5°	690.2	691.5	689.2	686.6	686.9	687.2	682.0	676.7	671.4	666.2	665.2
7.5°	551.3	556.6	563.8	570.7	571.1	571.1	567.1	563.2	558.9	554.9	556.9
10°	390.4	389.0	391.0	393.0	392.7	392.0	402.5	413.1	423.3	433.8	426.2
12.5°	289.0	290.6	282.4	274.2	277.1	279.8	281.4	283.1	284.7	286.3	291.0
15°	174.8	169.8	163.9	158.0	160.9	163.6	166.5	169.2	172.1	174.8	177.7
17.5°	121.8	120.1	117.5	114.5	114.9	115.2	115.5	115.9	115.9	116.2	116.8
20°	105.7	106.6	104.7	102.4	101.7	100.7	100.1	99.4	98.4	97.8	96.8
22.5°	93.1	93.8	94.1	94.1	92.8	91.2	89.9	88.9	87.6	86.2	85.6
25°	84.6	85.2	84.6	83.6	82.9	82.3	81.6	80.6	80.0	79.0	78.7
27.5°	77.3	78.3	78.3	78.0	77.3	76.4	74.7	73.4	71.8	70.1	70.4
30°	69.8	71.1	71.1	70.8	70.4	70.1	68.5	66.8	65.2	63.5	64.2
32.5°	64.2	64.8	64.5	64.2	64.2	63.9	62.5	61.5	60.2	58.9	58.9
35°	56.9	57.3	57.3	57.3	57.3	56.9	56.0	55.0	54.0	53.0	53.3
37.5°	51.7	51.7	52.7	53.3	52.7	52.0	51.3	50.4	49.7	48.7	48.7
40°	45.7	45.7	46.7	47.4	46.7	46.1	45.7	45.1	44.8	44.1	44.1
42.5°	40.5	40.5	41.5	42.1	42.1	41.8	41.1	40.5	39.8	39.2	39.5
45°	33.9	33.6	35.2	36.5	35.9	35.2	35.2	34.9	34.9	34.6	34.9
47.5°	28.0	27.6	29.0	30.3	30.0	29.3	29.3	29.3	29.3	29.3	29.6
50°	23.4	22.7	24.0	25.0	24.7	24.0	24.0	24.4	24.4	24.4	24.7
52.5°	20.1	19.4	20.4	21.1	20.7	20.4	20.4	20.7	20.7	20.7	21.1
55°	17.8	17.1	18.1	18.8	18.4	17.8	18.1	18.1	18.4	18.4	18.4
57.5°	15.8	14.8	15.5	16.1	16.1	15.8	16.1	16.1	16.5	16.5	16.5
60°	14.5	13.5	14.2	14.5	14.5	14.2	14.5	14.5	14.8	14.8	14.8
62.5°	12.8	11.8	12.5	12.8	12.8	12.5	12.8	12.8	13.2	13.2	13.2
65°	11.5	10.5	10.9	11.2	11.2	11.2	11.5	11.5	11.8	11.8	11.8
67.5°	10.9	9.5	9.9	10.2	10.2	10.2	10.5	10.5	10.9	10.9	11.2
70°	10.5	9.2	9.5	9.5	9.9	9.9	9.9	10.2	10.2	10.2	10.2
72.5°	10.2	8.9	8.9	8.9	9.2	9.2	9.2	9.5	9.5	9.5	9.5
75°	10.2	8.9	8.6	8.2	8.6	8.6	8.6	8.9	8.9	8.9	8.9
77.5°	8.9	7.2	6.6	5.6	6.6	7.2	7.6	7.6	7.9	7.9	7.9
80°	3.6	1.6	1.0	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3
82.5°	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8
2.5°	652.3	635.9	619.4	627.3	635.2	643.1	651.0	650.4	649.4	648.7	647.7
5°	664.5	663.5	662.6	657.9	653.7	649.1	644.4	643.5	642.1	641.2	639.8
7.5°	558.9	560.5	562.5	557.2	552.0	546.7	541.4	527.9	514.4	500.6	487.1
10°	418.7	410.8	403.2	402.5	401.9	401.2	400.6	399.2	397.9	396.3	395.0
12.5°	295.9	300.5	305.1	303.5	301.8	299.8	298.2	300.5	303.1	305.4	307.7
15°	180.4	183.3	186.0	191.9	197.8	203.7	209.7	212.0	214.6	216.9	219.2
17.5°	117.5	117.8	118.5	125.1	131.3	137.9	144.2	148.4	152.7	156.7	160.9
20°	95.8	94.8	93.8	97.4	101.0	104.7	108.3	112.2	116.2	120.1	124.1
22.5°	85.2	84.6	83.9	85.2	86.6	87.6	88.9	91.8	95.1	98.1	101.0
25°	78.3	77.7	77.3	78.0	78.7	79.3	80.0	81.6	83.3	84.9	86.6
27.5°	70.4	70.8	70.8	71.4	71.8	72.4	72.7	73.4	74.4	75.0	75.7
30°	64.5	65.2	65.5	66.2	66.5	67.1	67.5	67.1	66.8	66.5	66.2
32.5°	58.9	58.6	58.6	59.2	59.6	60.2	60.6	61.2	61.9	62.2	62.9
35°	53.3	53.6	53.6	53.6	54.0	54.0	54.0	54.6	55.6	56.3	56.9
37.5°	48.4	48.4	48.1	49.0	49.7	50.7	51.3	52.0	53.0	53.6	54.3
40°	44.1	44.1	44.1	44.8	45.4	45.7	46.4	48.1	49.7	51.3	53.0
42.5°	39.5	39.8	39.8	40.5	41.1	41.5	42.1	43.4	44.4	45.7	46.7
45°	35.2	35.5	35.9	36.5	36.9	37.5	37.9	38.5	38.8	39.5	39.8
47.5°	30.3	30.6	30.9	31.6	31.9	32.6	32.9	32.6	32.6	32.3	31.9
50°	25.3	25.7	26.0	27.0	27.6	28.6	29.3	28.6	28.0	27.0	26.3
52.5°	21.4	21.4	21.7	22.4	23.0	23.4	24.0	23.7	23.4	23.0	22.7
55°	18.4	18.4	18.4	18.8	19.1	19.4	19.7	20.1	20.1	20.4	20.4
57.5°	16.5	16.1	16.1	16.5	16.8	16.8	17.1	17.4	17.4	17.8	17.8
60°	14.8	14.5	14.5	14.8	15.1	15.5	15.8	15.8	15.8	15.5	15.5
62.5°	13.2	13.2	13.2	13.5	13.5	13.8	13.8	13.8	14.2	14.2	14.2
65°	12.2	12.2	12.2	12.2	12.2	11.8	11.8	12.2	12.2	12.5	12.5
67.5°	11.2	11.5	11.5	11.2	10.9	10.5	10.2	10.5	10.5	10.9	10.9
70°	10.2	10.2	10.2	9.9	9.5	9.2	8.9	8.9	8.9	8.6	8.6
72.5°	9.5	9.2	9.2	8.9	8.2	7.9	7.2	6.9	6.9	6.6	6.3
75°	8.9	8.6	8.6	7.9	7.2	6.6	5.9	5.6	4.9	4.6	3.9
77.5°	7.9	7.9	7.9	6.9	6.3	5.3	4.3	3.6	3.0	2.0	1.3
80°	2.6	3.0	3.3	3.0	3.0	2.6	2.3	1.6	1.3	0.7	0.0
82.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8
2.5°	651.4	655.0	658.6	662.2	662.6	662.9	663.2	663.5	655.3	646.8	638.5
5°	646.4	653.3	659.9	666.5	662.9	659.3	655.6	652.0	651.7	651.7	651.4
7.5°	488.1	488.8	489.8	490.4	491.7	493.0	494.0	495.4	500.6	505.9	510.8
10°	390.7	386.4	381.8	377.5	374.2	370.6	367.3	363.7	366.3	369.3	371.9
12.5°	304.1	300.5	296.6	292.9	291.6	290.3	288.7	287.3	295.9	304.5	312.7
15°	218.5	217.9	216.9	216.2	220.5	224.8	229.1	233.4	240.6	247.5	254.8
17.5°	162.6	164.2	165.9	167.5	170.2	172.8	175.1	177.7	183.0	188.6	193.9
20°	126.1	128.4	130.3	132.3	131.7	131.0	130.0	129.4	133.6	137.9	141.9
22.5°	103.0	104.7	106.6	108.3	108.6	108.9	109.3	109.6	112.2	114.5	117.2
25°	88.2	90.2	91.8	93.5	93.8	94.1	94.5	94.8	98.1	101.4	104.3
27.5°	78.0	80.0	82.3	84.3	84.9	85.6	86.2	86.9	88.9	90.5	92.5
30°	68.8	71.4	74.1	76.7	77.7	78.7	79.7	80.6	82.6	84.9	86.9
32.5°	64.2	65.8	67.1	68.5	70.8	72.7	75.0	77.0	79.3	82.0	84.3
35°	58.9	60.6	62.5	64.2	65.8	67.5	68.8	70.4	71.8	73.1	74.1
37.5°	55.6	57.3	58.6	59.9	60.6	61.2	61.5	62.2	62.9	63.5	63.9
40°	53.0	52.7	52.7	52.3	53.0	54.0	54.6	55.3	57.3	58.9	60.9
42.5°	46.1	45.1	44.4	43.4	45.1	46.4	48.1	49.4	52.0	54.6	57.3
45°	39.2	38.5	37.5	36.9	39.2	41.5	43.8	46.1	49.0	51.7	54.6
47.5°	32.3	32.6	32.6	32.9	35.2	37.5	39.5	41.8	44.8	47.7	50.7
50°	27.0	27.6	28.3	29.0	31.3	33.2	35.5	37.5	40.8	43.8	47.1
52.5°	23.7	24.7	25.3	26.3	28.3	30.6	32.6	34.6	37.5	40.5	43.4
55°	21.4	22.7	23.7	24.7	26.3	28.0	29.6	31.3	34.2	37.2	39.8
57.5°	18.8	19.7	20.7	21.7	23.4	25.0	26.3	28.0	30.6	33.6	36.2
60°	16.5	17.1	18.1	18.8	20.1	21.7	23.0	24.4	27.0	29.6	31.9
62.5°	14.5	15.1	15.5	15.8	17.1	18.4	19.7	21.1	23.4	26.0	28.3
65°	12.8	13.2	13.2	13.5	14.5	15.8	16.8	17.8	20.4	22.7	25.3
67.5°	10.9	11.2	11.2	11.2	12.2	13.2	14.2	15.1	17.4	20.1	22.4
70°	8.6	8.9	8.9	8.9	9.9	11.2	12.2	13.2	15.1	17.1	19.1
72.5°	6.6	6.6	6.9	6.9	7.9	9.2	10.2	11.2	12.8	14.5	16.1
75°	4.3	4.6	4.6	4.9	5.9	7.2	8.2	9.2	10.9	12.5	13.8
77.5°	1.6	2.3	2.6	3.0	3.9	4.9	5.9	6.9	8.2	9.9	11.2
80°	0.0	0.3	0.3	0.3	1.0	1.3	2.0	2.3	3.3	4.6	5.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8
2.5°	630.0	648.1	666.2	684.3	702.4	724.8	747.1	750.4	753.7	749.8	746.2
5°	651.0	659.9	668.5	677.4	685.9	711.6	736.9	737.3	737.3	737.6	737.6
7.5°	516.1	523.7	531.2	538.5	546.0	562.8	579.6	585.9	591.8	590.5	589.2
10°	374.6	384.4	394.0	403.9	413.4	428.9	444.3	450.3	455.9	474.0	492.4
12.5°	321.2	330.8	340.3	349.5	359.1	374.9	390.7	402.2	413.4	424.6	435.8
15°	261.7	269.2	277.1	284.7	292.3	299.5	306.8	320.9	334.7	345.9	357.1
17.5°	199.1	202.4	205.4	208.7	211.6	214.9	218.2	224.1	229.7	239.6	249.2
20°	146.1	148.8	151.4	153.7	156.3	159.6	162.9	167.2	171.2	173.5	175.4
22.5°	119.5	123.4	127.4	131.0	134.9	137.2	139.6	140.9	142.2	143.2	144.2
25°	107.6	111.2	114.5	118.2	121.5	122.4	123.4	126.1	128.7	128.7	128.7
27.5°	94.1	99.1	104.3	109.3	114.2	115.5	116.5	117.5	118.2	116.8	115.2
30°	88.9	93.8	98.7	103.3	108.3	110.3	111.9	112.9	113.9	112.2	110.6
32.5°	86.6	91.2	95.4	100.1	104.3	107.0	109.3	111.9	114.2	114.5	115.2
35°	75.4	78.3	81.6	84.6	87.6	88.9	90.2	91.2	91.8	91.8	91.8
37.5°	64.5	68.5	72.7	76.7	80.6	83.6	86.6	86.9	86.9	87.6	88.5
40°	62.5	66.5	70.4	74.1	78.0	81.3	84.3	84.6	84.9	85.6	86.2
42.5°	59.9	64.2	68.5	72.7	77.0	80.3	83.3	83.3	82.9	83.9	84.6
45°	57.3	61.5	65.5	69.8	73.7	78.0	82.0	81.0	79.7	81.3	82.6
47.5°	53.6	58.3	62.9	67.1	71.8	75.7	79.3	78.7	77.7	79.3	81.0
50°	50.0	54.6	59.2	63.9	68.5	72.7	76.7	76.0	75.4	77.3	79.0
52.5°	46.4	51.0	56.0	60.6	65.2	68.8	72.1	71.8	71.4	73.4	75.7
55°	42.8	47.1	51.7	56.0	60.2	64.2	67.8	67.1	66.5	68.1	69.8
57.5°	38.8	43.1	47.1	51.3	55.3	58.6	61.5	60.6	59.6	61.5	63.5
60°	34.6	38.5	42.5	46.1	50.0	52.7	55.0	54.3	53.3	55.3	57.3
62.5°	30.6	34.2	37.9	41.1	44.8	46.7	48.7	48.1	47.4	49.4	51.7
65°	27.6	30.6	33.2	36.2	38.8	40.8	42.8	41.8	40.8	43.1	45.1
67.5°	24.7	27.0	29.6	31.9	34.2	35.9	37.5	36.9	35.9	37.5	39.2
70°	21.1	23.4	25.7	27.6	30.0	31.6	33.2	32.3	30.9	32.6	34.2
72.5°	17.8	19.7	21.7	23.4	25.3	26.7	28.0	27.0	26.0	27.3	28.6
75°	15.5	17.1	18.8	20.1	21.7	22.4	23.0	22.7	22.1	23.4	24.4
77.5°	12.5	13.8	15.5	16.8	18.1	18.1	18.1	18.4	18.4	19.7	21.4
80°	6.6	7.9	9.2	10.2	11.5	11.5	11.2	11.8	12.2	13.8	15.5
82.5°	0.0	1.0	2.0	3.0	3.9	3.6	3.0	3.3	3.3	3.9	4.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8
2.5°	742.2	738.3	735.6	733.3	730.7	728.0	731.3	734.6	737.6	740.9	750.8
5°	737.9	737.9	735.6	733.3	731.0	728.7	733.6	738.3	743.2	747.8	747.5
7.5°	587.5	586.2	600.0	613.5	627.3	640.8	644.4	648.1	651.4	655.0	654.0
10°	510.5	528.6	534.5	540.4	546.4	552.3	559.5	566.8	574.0	581.3	583.9
12.5°	447.0	458.2	477.2	496.0	515.1	533.9	543.4	553.3	562.8	572.4	591.1
15°	368.3	379.5	396.0	412.4	428.9	445.3	460.5	475.9	491.1	506.2	528.9
17.5°	259.0	268.6	281.1	293.6	305.8	318.3	341.6	365.0	388.4	411.7	435.8
20°	177.7	179.7	185.6	191.9	197.8	203.7	224.8	246.2	267.3	288.3	319.9
22.5°	144.8	145.8	148.8	151.7	154.4	157.3	168.2	179.4	190.2	201.1	226.8
25°	128.4	128.4	130.3	132.3	134.3	136.3	142.2	148.1	153.7	159.6	176.1
27.5°	113.9	112.2	115.2	118.2	121.1	124.1	128.4	133.0	137.2	141.5	152.7
30°	108.9	107.3	110.9	114.5	118.2	121.8	126.1	130.3	134.3	138.6	146.1
32.5°	115.5	115.9	117.2	118.5	119.5	120.8	122.8	125.1	127.0	129.0	135.6
35°	91.8	91.8	94.1	96.4	98.4	100.7	104.3	108.0	111.6	115.2	122.1
37.5°	89.2	89.9	91.8	94.1	96.1	98.1	102.7	107.6	112.2	116.8	122.4
40°	86.6	87.2	89.9	92.5	95.1	97.8	102.4	106.6	111.2	115.5	120.8
42.5°	85.6	86.2	89.5	93.1	96.4	99.7	103.7	107.6	111.2	115.2	122.4
45°	84.3	85.6	89.5	93.8	97.8	101.7	105.3	108.9	112.6	116.2	125.1
47.5°	82.3	83.9	88.5	92.8	97.4	101.7	108.6	115.9	122.8	129.7	134.0
50°	81.0	82.6	87.6	92.5	97.4	102.4	113.6	124.7	135.6	146.8	144.5
52.5°	77.7	79.7	85.9	92.2	98.4	104.7	114.5	124.4	134.3	144.2	139.6
55°	71.4	73.1	80.3	87.6	94.5	101.7	108.9	116.2	123.1	130.3	125.1
57.5°	65.2	67.1	74.1	81.0	87.6	94.5	98.1	101.7	105.3	108.9	107.0
60°	59.2	61.2	70.4	79.7	88.9	98.1	94.8	91.5	87.9	84.6	86.9
62.5°	53.6	55.6	64.5	73.1	82.0	90.5	85.9	81.3	76.7	72.1	75.7
65°	47.4	49.4	52.7	56.3	59.6	62.9	62.5	61.9	61.5	60.9	64.8
67.5°	40.8	42.5	44.1	46.1	47.7	49.4	50.4	51.7	52.7	53.6	56.9
70°	35.5	37.2	39.2	40.8	42.8	44.4	45.1	45.7	46.1	46.7	49.7
72.5°	29.6	30.9	33.6	36.2	38.5	41.1	41.5	41.5	41.8	41.8	44.1
75°	25.7	26.7	28.6	30.6	32.3	34.2	35.2	36.2	36.9	37.9	39.2
77.5°	22.7	24.0	24.7	25.0	25.7	26.0	26.7	27.3	28.0	28.6	29.0
80°	16.8	18.4	19.1	19.4	20.1	20.4	20.4	20.1	20.1	19.7	20.1
82.5°	5.3	5.9	6.9	7.9	8.9	9.9	10.2	10.5	10.5	10.9	10.5
85°	1.0	1.3	2.0	2.6	3.0	3.6	3.3	2.6	2.3	1.6	1.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8
2.5°	760.6	770.2	780.1	776.1	772.2	768.2	764.3	764.9	765.9	766.6	767.2
5°	747.1	746.5	746.2	757.3	768.9	780.1	791.2	803.4	815.9	828.1	840.3
7.5°	653.0	651.7	650.7	665.2	679.7	694.1	708.6	725.4	742.5	759.3	776.1
10°	586.5	589.2	591.8	597.7	604.0	609.9	615.8	631.9	648.1	663.9	680.0
12.5°	609.9	628.3	647.1	650.7	654.0	657.6	660.9	663.2	665.5	667.8	670.1
15°	552.0	574.7	597.4	606.9	616.1	625.7	634.9	659.3	683.3	707.6	731.7
17.5°	459.8	483.5	507.5	536.2	564.8	593.4	622.1	648.4	674.7	701.1	727.4
20°	351.8	383.4	415.0	451.2	487.8	524.0	560.2	586.5	612.5	638.9	664.9
22.5°	252.8	278.4	304.1	347.9	391.3	435.1	478.6	524.3	570.4	616.1	661.9
25°	192.5	208.7	225.1	268.2	311.4	354.2	397.3	460.1	523.0	585.9	648.7
27.5°	163.6	174.8	185.6	224.5	263.3	301.8	340.7	415.4	490.1	564.8	639.5
30°	154.0	161.6	169.2	202.1	235.3	268.2	301.2	376.9	452.6	528.3	604.0
32.5°	142.2	148.4	155.0	184.0	213.0	241.6	270.6	344.6	418.7	492.4	566.4
35°	128.7	135.6	142.2	171.2	200.1	228.7	257.7	334.4	411.1	487.8	564.5
37.5°	127.7	133.3	138.6	172.1	206.0	239.6	273.2	349.9	426.6	502.9	579.6
40°	126.4	131.7	136.9	171.2	205.1	239.3	273.2	353.5	433.8	514.1	594.4
42.5°	129.7	136.6	143.8	174.1	204.4	234.3	264.6	349.2	433.8	518.1	602.6
45°	134.3	143.2	152.1	179.7	207.4	235.0	262.7	354.5	446.3	537.8	629.6
47.5°	138.6	142.8	147.1	173.5	199.5	225.8	251.8	345.6	439.4	533.2	627.0
50°	142.5	140.2	137.9	166.9	195.8	224.5	253.4	343.0	432.2	521.7	610.9
52.5°	134.6	130.0	125.1	156.0	186.9	217.6	248.5	338.7	428.9	519.0	609.2
55°	119.8	114.5	109.3	139.9	170.2	200.8	231.1	320.9	410.8	500.6	590.5
57.5°	104.7	102.7	100.4	123.8	147.1	170.2	193.5	293.3	393.3	493.0	592.8
60°	89.2	91.2	93.5	110.3	127.0	143.5	160.3	258.0	355.5	453.2	550.6
62.5°	79.0	82.6	85.9	100.1	114.5	128.7	142.8	235.0	327.2	419.3	511.5
65°	69.1	73.1	77.0	93.8	110.9	127.7	144.5	222.5	300.5	378.5	456.5
67.5°	60.2	63.2	66.5	88.5	110.6	132.6	154.7	218.5	282.1	345.9	409.4
70°	52.7	55.3	58.3	83.9	109.6	135.3	160.9	215.3	269.9	324.2	378.5
72.5°	46.4	48.7	51.0	77.0	103.0	129.0	155.0	203.4	251.5	299.8	347.9
75°	40.5	41.5	42.8	64.8	86.6	108.6	130.3	162.6	195.2	227.4	259.7
77.5°	29.3	29.3	29.6	36.2	42.5	49.0	55.3	75.4	95.4	115.2	135.3
80°	20.1	20.4	20.4	23.0	25.3	28.0	30.3	34.6	38.5	42.8	46.7
82.5°	10.2	9.5	9.2	11.8	14.5	17.1	19.7	20.7	21.4	22.4	23.0
85°	1.0	0.3	0.0	1.6	3.3	4.9	6.6	7.9	9.2	10.5	11.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8
2.5°	764.6	762.0	759.3	756.7	772.8	789.3	805.4	821.5	867.3	897.2	893.9
5°	852.1	864.0	875.8	887.7	906.8	926.2	945.3	964.4	1032.2	1073.6	1079.6
7.5°	794.5	812.6	831.1	849.2	886.0	922.6	959.4	996.0	1051.6	1094.7	1119.1
10°	700.7	721.5	741.9	762.6	804.1	845.9	887.4	928.8	991.4	1050.9	1081.5
12.5°	702.7	735.3	767.9	800.5	836.7	872.9	908.7	945.0	983.1	1003.2	1046.3
15°	757.3	783.0	808.7	834.4	881.8	929.2	976.2	1023.6	1046.3	1094.7	1145.1
17.5°	777.4	827.8	877.8	927.8	987.1	1046.0	1105.2	1164.2	1206.9	1274.1	1326.1
20°	740.2	815.6	890.6	966.0	1047.3	1128.6	1209.9	1291.2	1337.9	1401.8	1482.1
22.5°	741.9	821.9	901.5	981.5	1093.7	1205.6	1317.9	1429.8	1555.2	1678.3	1717.4
25°	753.4	858.1	962.4	1067.1	1196.7	1326.4	1456.1	1585.8	1737.2	1866.5	1918.5
27.5°	757.3	875.2	992.7	1110.5	1294.8	1479.1	1663.5	1847.8	2028.5	2174.6	2230.2
30°	747.8	892.0	1035.8	1179.6	1405.7	1631.9	1858.0	2084.1	2255.6	2425.7	2494.9
32.5°	750.1	933.8	1117.4	1301.1	1567.3	1833.9	2100.2	2366.5	2476.1	2629.5	2751.3
35°	765.9	967.3	1168.4	1369.9	1664.4	1959.0	2253.6	2548.2	2727.9	2889.8	2993.2
37.5°	802.8	1025.9	1248.7	1471.9	1833.9	2196.3	2558.4	2920.4	3198.5	3476.7	3524.1
40°	830.1	1065.7	1301.4	1537.1	1957.4	2377.7	2798.0	3218.3	3532.9	3834.8	3867.0
42.5°	861.0	1119.1	1377.4	1635.5	2105.5	2575.5	3045.5	3515.5	3879.9	4187.6	4209.0
45°	894.9	1160.5	1425.8	1691.1	2183.5	2675.5	3167.9	3660.0	4085.6	4443.0	4362.4
47.5°	911.0	1195.1	1479.1	1763.2	2291.1	2818.7	3346.7	3874.3	4256.1	4571.4	4477.2
50°	923.6	1235.9	1548.6	1860.9	2414.5	2968.2	3521.8	4075.4	4458.2	4749.1	4601.7
52.5°	958.8	1308.0	1657.5	2006.7	2595.6	3184.1	3772.9	4361.4	4731.7	4998.9	4792.2
55°	993.0	1395.2	1797.7	2199.9	2833.2	3466.8	4100.1	4733.3	5101.9	5331.0	5050.3
57.5°	1036.1	1479.8	1923.1	2366.5	3043.9	3721.2	4398.2	5075.6	5436.0	5689.1	5397.5
60°	1024.9	1498.9	1973.2	2447.1	3137.0	3826.9	4516.7	5206.6	5634.8	5945.8	5748.0
62.5°	981.5	1451.5	1921.2	2391.2	3068.9	3746.2	4423.9	5101.3	5614.4	6035.7	5969.2
65°	893.6	1330.4	1767.5	2204.2	2851.3	3498.7	4145.8	4792.9	5426.1	5962.3	5986.0
67.5°	778.1	1146.7	1515.0	1883.6	2487.3	3090.9	3694.2	4297.9	5045.3	5670.7	5741.1
70°	655.6	932.4	1209.6	1486.4	2017.6	2548.8	3079.7	3611.0	4388.0	5017.4	5150.3
72.5°	525.6	703.7	881.4	1059.2	1442.6	1825.7	2209.2	2592.3	3275.9	3764.3	3996.4
75°	340.7	421.6	502.6	583.6	839.0	1094.0	1349.5	1604.5	2058.4	2418.2	2680.5
77.5°	151.7	168.2	184.3	200.8	397.9	595.1	792.2	989.4	1186.5	1403.8	1465.3
80°	54.3	61.5	69.1	76.4	173.1	270.2	367.0	463.8	559.2	671.4	698.8
82.5°	22.7	22.7	22.4	22.1	56.6	91.2	125.7	160.3	185.3	213.0	218.2
85°	9.2	6.9	4.3	1.6	7.2	13.2	18.8	24.4	39.2	35.5	65.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8
2.5°	881.4	880.8	880.1	879.5	878.8	866.9	855.4	843.6	832.1	846.5	861.0
5°	1070.0	1087.1	1104.3	1121.7	1138.8	1143.7	1148.7	1153.6	1158.6	1169.1	1179.6
7.5°	1139.5	1168.4	1197.1	1226.0	1254.7	1281.3	1307.7	1334.3	1361.0	1354.4	1347.8
10°	1115.4	1167.8	1220.1	1272.8	1325.1	1336.6	1348.1	1360.0	1371.5	1401.5	1431.4
12.5°	1089.4	1152.3	1215.2	1278.0	1340.9	1375.8	1410.3	1445.2	1480.1	1510.4	1540.7
15°	1212.9	1253.0	1293.2	1333.7	1373.8	1404.4	1434.7	1465.3	1495.6	1516.7	1537.4
17.5°	1375.1	1394.9	1414.6	1434.7	1454.5	1478.5	1502.5	1526.5	1550.6	1563.1	1575.6
20°	1546.6	1555.2	1563.7	1572.3	1580.8	1561.8	1542.7	1523.6	1504.5	1516.3	1527.9
22.5°	1718.7	1721.7	1725.0	1728.0	1730.9	1686.5	1642.1	1597.6	1553.2	1534.4	1515.7
25°	1983.7	1962.0	1940.3	1918.5	1896.8	1844.2	1791.5	1738.8	1686.2	1639.8	1593.3
27.5°	2270.7	2197.0	2123.6	2049.9	1976.5	1923.8	1871.1	1818.5	1765.8	1696.0	1626.3
30°	2560.0	2441.2	2322.7	2203.9	2085.4	2022.9	1960.3	1897.5	1834.9	1765.2	1695.7
32.5°	2825.3	2682.5	2539.6	2396.4	2253.6	2148.3	2042.9	1937.6	1832.3	1783.6	1734.9
35°	3045.2	2876.3	2707.5	2538.3	2369.5	2265.1	2160.8	2056.4	1952.1	1879.7	1807.6
37.5°	3421.0	3231.1	3041.2	2851.3	2661.4	2518.9	2376.7	2234.2	2091.7	2043.3	1994.9
40°	3767.6	3528.3	3289.1	3049.8	2810.5	2691.0	2571.9	2452.4	2333.2	2253.9	2174.9
42.5°	4043.1	3791.0	3539.2	3287.1	3035.0	2916.8	2799.0	2680.8	2562.7	2509.7	2457.0
45°	4102.7	3865.0	3627.7	3390.1	3152.5	3083.7	3015.2	2946.4	2878.0	2841.4	2805.2
47.5°	4220.2	3962.5	3705.1	3447.4	3189.7	3158.7	3127.8	3096.5	3065.6	3083.0	3100.5
50°	4286.0	4023.0	3760.1	3497.1	3234.1	3243.0	3251.5	3260.4	3269.3	3393.1	3516.5
52.5°	4413.7	4148.1	3882.5	3616.9	3351.3	3407.2	3462.8	3518.8	3574.4	3744.9	3915.1
55°	4641.8	4380.8	4119.8	3858.5	3597.5	3671.2	3744.9	3819.0	3892.7	4073.7	4254.4
57.5°	4979.8	4720.8	4462.1	4203.1	3944.4	4017.8	4091.2	4164.6	4238.0	4401.5	4564.8
60°	5405.4	5139.5	4873.8	4607.9	4342.3	4369.9	4397.3	4424.9	4452.6	4628.3	4803.7
62.5°	5736.8	5492.3	5248.1	5003.5	4759.3	4728.7	4698.4	4667.8	4637.5	4771.2	4904.5
65°	5813.9	5641.7	5469.9	5297.8	5125.6	5031.5	4937.7	4843.6	4749.4	4803.4	4857.4
67.5°	5593.3	5477.2	5361.3	5245.1	5128.9	4932.4	4735.9	4539.1	4342.6	4314.0	4285.4
70°	5081.5	5018.0	4954.8	4891.3	4828.1	4525.3	4222.8	3920.0	3617.5	3544.8	3472.1
72.5°	4009.9	4049.4	4088.9	4128.7	4168.2	3844.0	3520.1	3195.9	2871.7	2779.6	2687.7
75°	2827.6	2961.6	3095.5	3229.5	3363.4	3067.9	2772.6	2477.1	2181.5	2093.0	2004.8
77.5°	1533.1	1784.2	2035.4	2286.5	2537.6	2293.8	2050.2	1806.3	1562.4	1500.9	1439.6
80°	726.7	871.6	1016.0	1160.9	1305.7	1250.7	1195.8	1140.5	1085.5	1099.0	1112.5
82.5°	222.8	327.5	432.2	536.8	641.5	649.7	657.6	665.8	674.1	694.5	714.6
85°	74.7	102.4	130.0	157.7	185.3	234.0	282.7	331.8	380.5	348.9	317.6
87.5°	0.0	1.0	1.6	2.6	3.3	10.2	17.1	24.0	30.9	26.7	22.7
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: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381

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

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8
2.5°	875.8	890.3	890.6	891.3	891.6	892.0	893.6	895.3	897.2	898.9	888.0
5°	1190.5	1201.0	1181.6	1162.2	1142.4	1123.0	1140.5	1157.9	1175.3	1192.8	1185.2
7.5°	1340.9	1334.3	1332.0	1330.0	1327.7	1325.8	1332.3	1338.9	1345.5	1352.1	1351.4
10°	1461.4	1491.3	1498.6	1505.8	1513.4	1520.6	1505.5	1490.3	1475.2	1460.0	1453.8
12.5°	1571.0	1601.2	1625.3	1649.3	1673.7	1697.7	1676.0	1654.6	1632.8	1611.5	1591.0
15°	1558.5	1579.2	1598.9	1618.7	1638.4	1658.2	1650.9	1644.0	1636.8	1629.6	1626.3
17.5°	1588.4	1600.9	1596.3	1591.7	1586.8	1582.2	1579.9	1577.9	1575.6	1573.3	1565.4
20°	1539.7	1551.5	1548.6	1546.0	1543.0	1540.0	1538.1	1536.1	1534.1	1532.1	1525.9
22.5°	1496.9	1478.2	1473.2	1468.6	1463.7	1459.1	1459.7	1460.4	1460.7	1461.4	1489.7
25°	1546.9	1500.5	1482.4	1464.3	1445.9	1427.8	1436.0	1443.9	1452.1	1460.4	1501.2
27.5°	1556.2	1486.4	1457.4	1428.5	1399.5	1370.5	1400.1	1429.8	1459.4	1489.0	1555.2
30°	1625.9	1556.5	1516.0	1475.8	1435.4	1395.2	1433.1	1470.9	1508.8	1546.6	1618.4
32.5°	1685.8	1637.1	1608.2	1579.2	1550.2	1521.3	1522.9	1524.2	1525.9	1527.5	1628.6
35°	1735.2	1663.1	1636.8	1610.8	1584.5	1558.5	1597.6	1636.8	1676.0	1715.1	1806.0
37.5°	1946.5	1898.1	1849.7	1801.7	1753.3	1705.3	1736.5	1767.8	1799.4	1830.7	1931.0
40°	2095.6	2016.6	2004.1	1991.9	1979.4	1967.2	1983.4	1999.2	2015.3	2031.4	2119.3
42.5°	2404.0	2351.0	2317.1	2283.5	2249.6	2216.1	2228.9	2241.7	2254.9	2267.7	2351.0
45°	2768.7	2732.2	2709.8	2687.4	2664.7	2642.3	2622.9	2603.8	2584.4	2565.3	2649.9
47.5°	3117.9	3135.4	3184.7	3233.8	3283.1	3332.2	3292.0	3251.9	3211.4	3171.2	3171.6
50°	3640.2	3763.7	3788.7	3813.4	3838.4	3863.1	3777.5	3691.9	3606.0	3520.4	3510.2
52.5°	4085.6	4255.7	4264.6	4273.5	4282.7	4291.6	4257.0	4222.5	4187.6	4153.0	4061.2
55°	4435.4	4616.1	4628.3	4640.2	4652.3	4664.2	4633.9	4604.0	4573.7	4543.4	4450.6
57.5°	4728.4	4891.6	4898.9	4905.8	4913.0	4920.3	4922.6	4924.9	4927.5	4929.8	4804.4
60°	4979.5	5155.3	5140.8	5126.6	5112.1	5098.0	5076.3	5054.5	5032.8	5011.1	4930.1
62.5°	5038.1	5171.7	5149.3	5127.3	5104.9	5082.9	5064.4	5046.3	5027.9	5009.5	4957.8
65°	4911.4	4965.3	4942.3	4919.3	4895.9	4872.9	4861.0	4849.5	4837.6	4825.8	4819.2
67.5°	4256.4	4227.8	4255.1	4282.4	4309.7	4337.0	4374.2	4411.4	4448.9	4486.1	4464.4
70°	3399.0	3326.3	3356.5	3386.5	3416.8	3446.7	3503.0	3559.3	3615.9	3672.2	3657.0
72.5°	2595.6	2503.4	2507.7	2512.0	2516.6	2520.9	2519.2	2517.9	2516.2	2514.6	2540.9
75°	1916.2	1827.7	1785.9	1744.1	1702.3	1660.5	1650.3	1640.1	1629.9	1619.7	1668.7
77.5°	1378.1	1316.9	1288.2	1259.9	1231.3	1203.0	1217.5	1232.0	1246.8	1261.3	1278.4
80°	1126.3	1139.8	1117.7	1096.0	1074.0	1051.9	1068.4	1084.5	1101.0	1117.4	1066.4
82.5°	735.0	755.0	687.2	619.4	551.6	483.8	525.0	566.1	607.6	648.7	627.7
85°	286.0	254.8	217.2	180.0	142.5	105.0	136.6	168.2	199.8	231.4	252.4
87.5°	18.4	14.5	11.5	8.6	5.3	2.3	4.9	7.6	10.5	13.2	22.1
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: P367381
 CATALOG NUMBER: MSA-SA2B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367381

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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8	695.8
2.5°	877.5	866.6	856.1	835.3	814.6	793.9	773.1	802.1	831.1	860.0	889.0
5°	1178.0	1170.4	1163.2	1165.1	1167.1	1169.4	1171.4	1175.7	1180.0	1183.9	1188.2
7.5°	1351.1	1350.4	1349.8	1334.6	1319.5	1304.0	1288.9	1296.5	1304.0	1311.6	1319.2
10°	1447.9	1441.6	1435.4	1402.1	1368.9	1335.3	1302.1	1287.6	1272.8	1258.3	1243.8
12.5°	1570.6	1549.9	1529.5	1493.9	1458.7	1423.2	1387.6	1374.5	1361.0	1347.8	1334.3
15°	1623.3	1620.0	1617.0	1591.7	1566.0	1540.7	1515.0	1469.9	1424.5	1379.4	1334.3
17.5°	1557.5	1549.2	1541.3	1581.5	1621.3	1661.5	1701.6	1654.9	1608.2	1561.4	1514.7
20°	1519.6	1513.4	1507.1	1581.8	1656.2	1730.9	1805.3	1784.6	1763.5	1742.8	1722.0
22.5°	1518.0	1546.6	1574.9	1640.4	1705.6	1771.1	1836.3	1872.1	1908.3	1944.2	1980.1
25°	1542.0	1583.1	1624.0	1732.6	1841.2	1950.1	2058.7	2099.9	2140.7	2181.8	2222.7
27.5°	1621.0	1687.2	1753.0	1847.8	1942.6	2037.7	2132.5	2222.3	2312.5	2402.4	2492.2
30°	1689.8	1761.5	1833.3	1946.2	2058.7	2171.6	2284.2	2396.8	2509.3	2621.9	2734.5
32.5°	1729.6	1831.0	1932.0	2069.3	2206.2	2343.5	2480.7	2604.1	2727.6	2850.6	2974.1
35°	1896.8	1988.0	2078.8	2230.6	2382.3	2534.3	2686.1	2838.8	2991.5	3143.9	3296.6
37.5°	2031.4	2132.1	2232.5	2398.4	2564.0	2729.9	2895.7	3106.7	3318.0	3529.0	3740.0
40°	2207.2	2295.1	2382.9	2538.3	2693.3	2848.7	3004.0	3271.6	3539.2	3806.5	4074.0
42.5°	2434.0	2517.2	2600.5	2766.7	2932.9	3099.1	3265.4	3561.6	3857.8	4153.7	4449.9
45°	2734.5	2819.4	2904.0	3036.3	3168.6	3300.9	3433.2	3748.2	4062.9	4377.8	4692.5
47.5°	3171.9	3172.2	3172.5	3268.0	3363.4	3459.2	3554.7	3872.0	4188.9	4506.2	4823.2
50°	3500.0	3489.5	3479.3	3528.7	3577.7	3627.1	3676.5	3968.4	4260.7	4552.6	4844.6
52.5°	3969.7	3877.9	3786.4	3815.7	3844.6	3873.9	3902.9	4150.1	4397.6	4644.8	4892.0
55°	4358.1	4265.3	4172.5	4161.6	4150.7	4139.9	4129.0	4356.4	4583.9	4811.3	5038.7
57.5°	4679.3	4553.9	4428.9	4403.8	4379.2	4354.1	4329.1	4569.1	4808.7	5048.6	5288.2
60°	4849.5	4768.5	4687.6	4671.4	4655.0	4638.8	4622.4	4819.2	5016.0	5212.9	5409.7
62.5°	4906.4	4854.8	4803.4	4833.7	4864.0	4894.6	4924.9	5011.4	5097.7	5184.2	5270.5
65°	4813.0	4806.4	4799.8	4862.0	4923.9	4986.1	5048.3	5026.9	5005.2	4983.8	4962.4
67.5°	4443.0	4421.3	4399.9	4536.5	4672.7	4809.3	4945.9	4842.3	4738.2	4634.6	4530.9
70°	3641.9	3626.4	3611.3	3808.1	4004.9	4202.1	4398.9	4273.2	4147.4	4021.7	3896.0
72.5°	2566.9	2593.3	2619.6	2851.6	3083.3	3315.4	3547.1	3420.4	3293.7	3166.9	3040.2
75°	1717.4	1766.5	1815.5	2054.5	2293.4	2532.7	2771.7	2622.9	2474.1	2325.3	2176.6
77.5°	1295.5	1312.6	1329.7	1480.8	1631.9	1783.3	1934.3	1811.6	1688.5	1565.7	1442.6
80°	1015.4	964.0	913.0	962.7	1012.4	1062.1	1111.8	1038.4	965.0	892.0	818.6
82.5°	606.6	585.5	564.5	591.5	618.1	645.1	672.1	640.5	608.6	577.0	545.0
85°	273.2	294.2	315.0	342.3	369.3	396.6	423.9	379.8	335.7	291.6	247.5
87.5°	30.6	39.5	48.4	59.9	71.4	82.9	94.5	73.7	52.7	31.9	11.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	695.8	695.8
2.5°	905.8	922.6
5°	1187.9	1187.2
7.5°	1299.4	1279.4
10°	1225.4	1206.9
12.5°	1287.3	1240.2
15°	1298.8	1263.2
17.5°	1456.8	1398.5
20°	1647.3	1572.3
22.5°	1877.4	1774.4
25°	2100.2	1977.8
27.5°	2418.8	2345.1
30°	2660.1	2585.4
32.5°	2923.4	2872.7
35°	3246.3	3195.6
37.5°	3753.1	3766.0
40°	4081.9	4089.8
42.5°	4480.5	4511.1
45°	4726.7	4761.0
47.5°	4870.9	4918.6
50°	4921.6	4998.6
52.5°	4987.1	5081.9
55°	5144.4	5250.1
57.5°	5372.5	5456.8
60°	5413.6	5417.6
62.5°	5209.6	5148.7
65°	4897.5	4832.7
67.5°	4491.7	4452.2
70°	3844.0	3792.0
72.5°	2943.5	2846.7
75°	2056.8	1937.0
77.5°	1379.7	1316.9
80°	820.5	822.2
82.5°	560.2	575.0
85°	244.5	241.3
87.5°	7.9	4.3
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: P367381
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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)