

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: P596553

Luminaire Tested: **MSA-SA1D-827-U-SLR-HSS**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P596553  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)  
Test Lab: INNOVATIONS CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: MSA-SA1D-827-U-SLR-HSS  
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

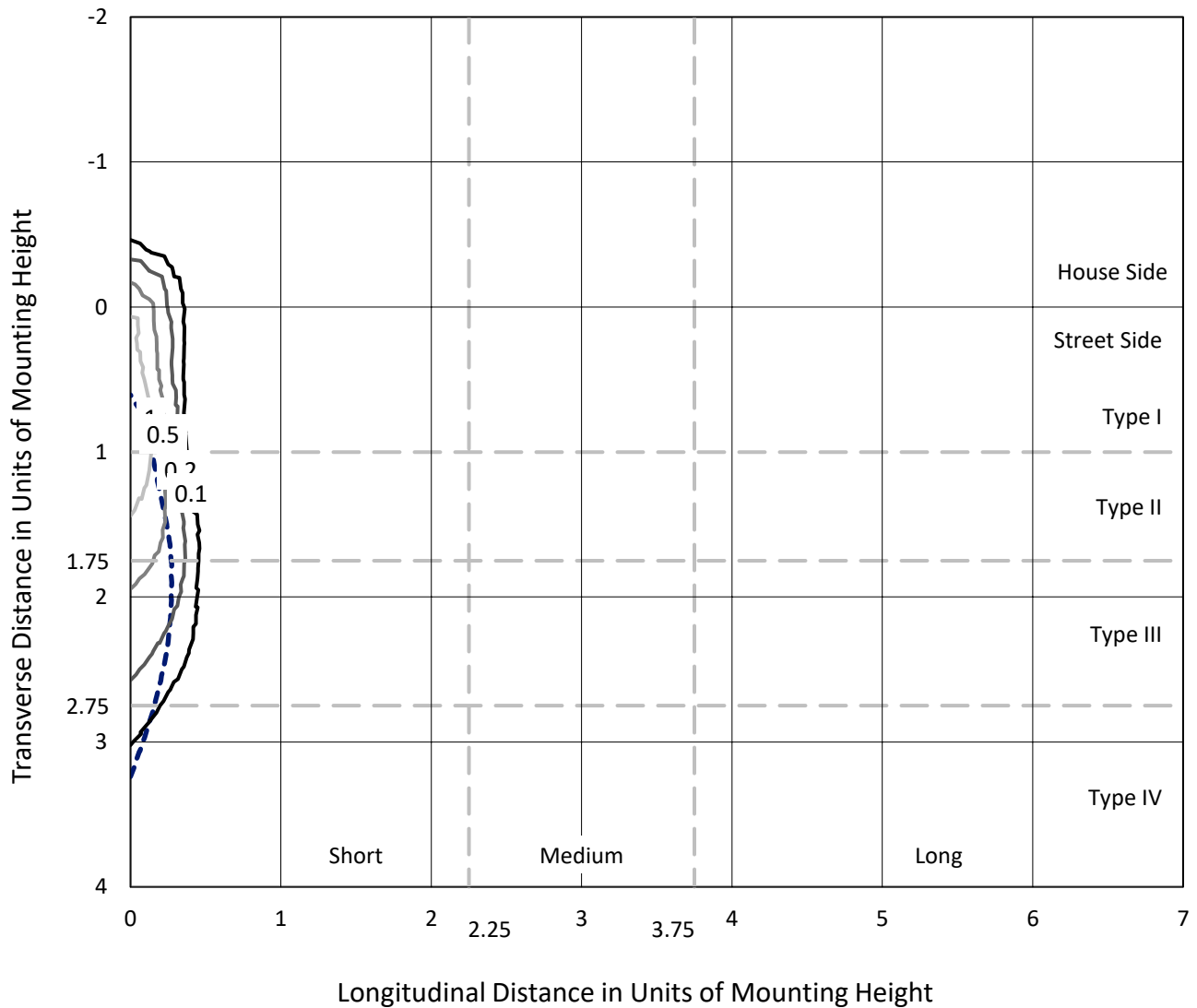
Lumens per Lamp: N/A  
Luminaire Lumens: 3677 lumens  
Efficiency: N/A  
Efficacy: 54.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G1  
  
Input Watts (W): 67  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

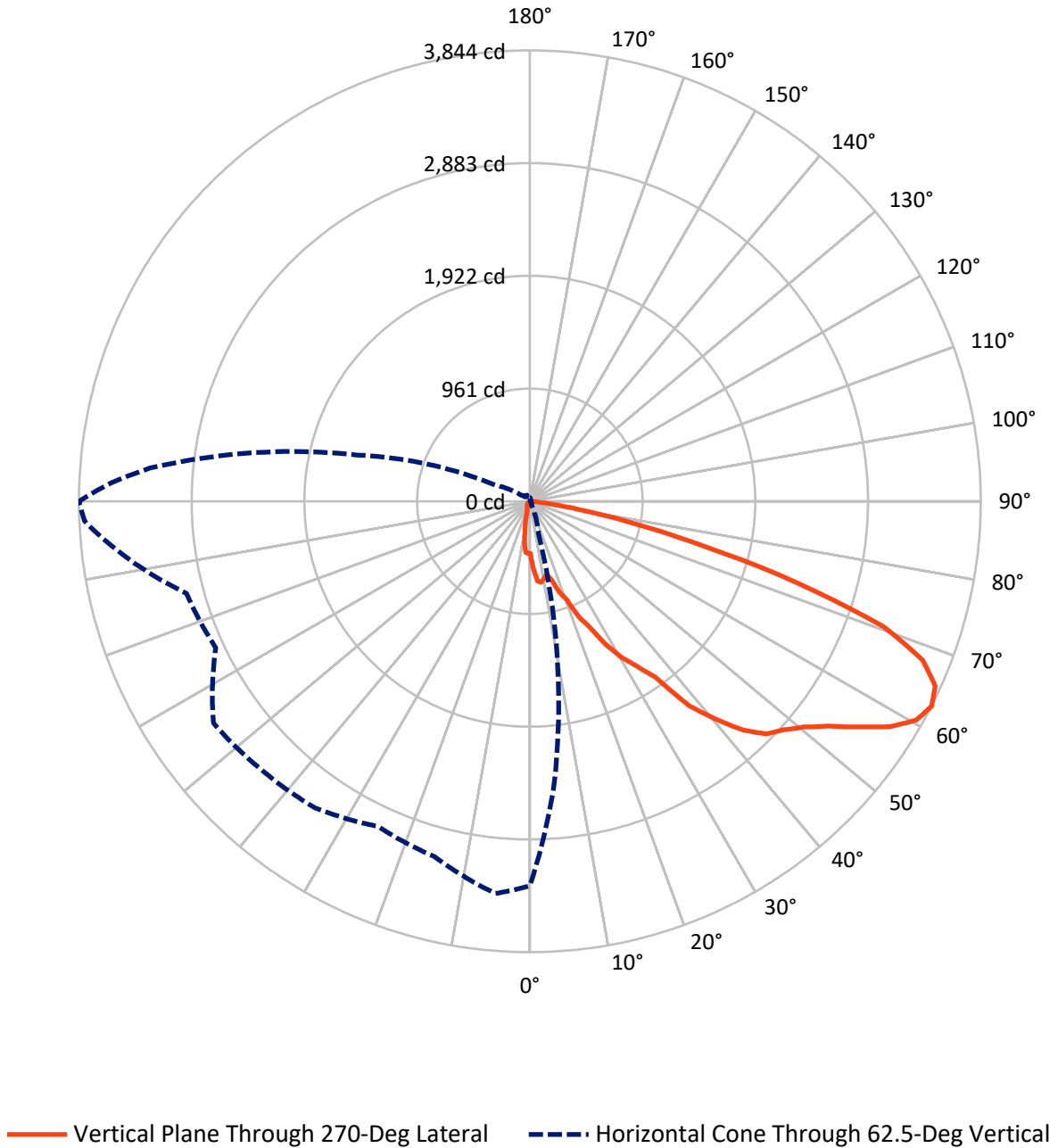
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.9 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	614.0	0.0	614.0
	% Fixture	16.7	0.0	16.7
<b>Street Side</b>	Lumens	3063.0	0.0	3063.0
	% Fixture	83.3	0.0	83.3
<b>Total</b>	Lumens	3677.0	0.0	3677.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	49.5	1.3
10°-20°	129.3	3.5
20°-30°	209.0	5.7
30°-40°	350.1	9.5
40°-50°	572.3	15.6
50°-60°	847.2	23.0
60°-70°	972.6	26.5
70°-80°	480.9	13.1
80°-90°	66.1	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°	3677.0	100.0
0°-180°	3677.0	100.0

**Coefficient of Utilization**

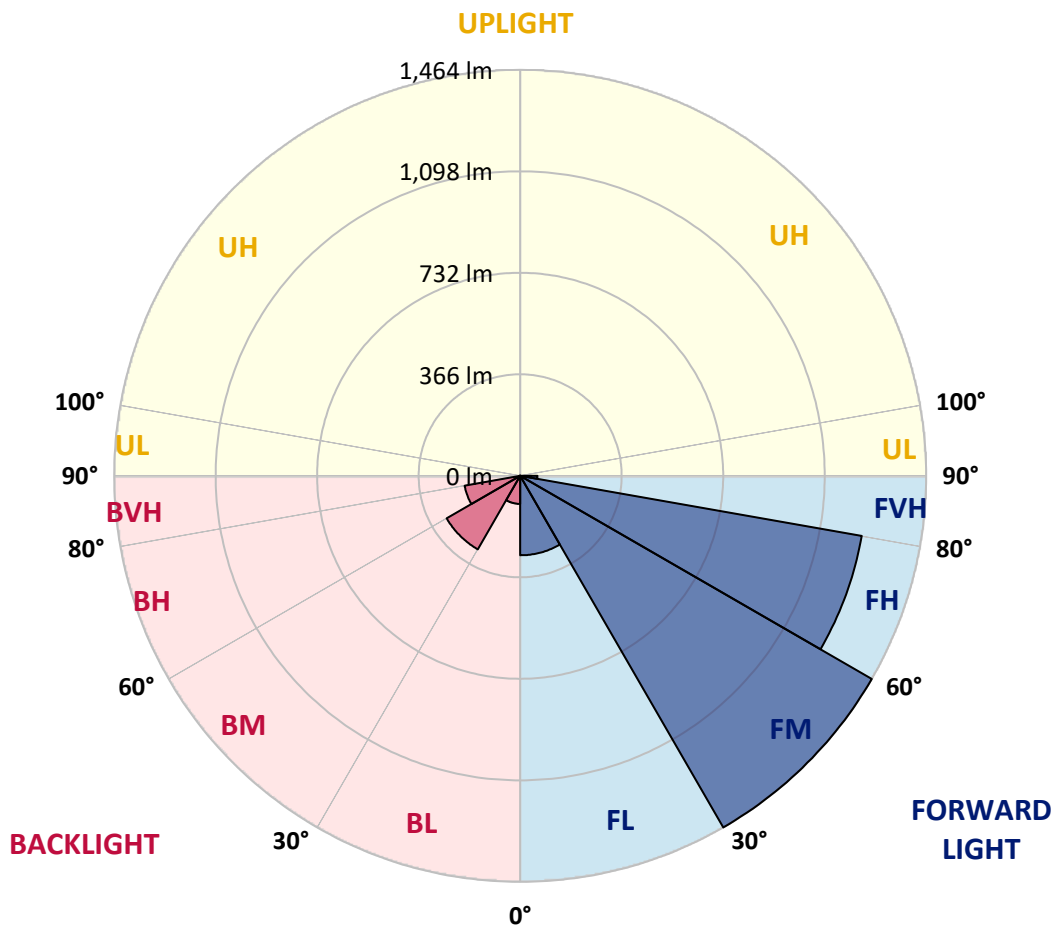


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	286.5	7.8			
FM (30°-60°)	1463.6	39.8			
FH (60°-80°)	1250.4	34.0			G1/1800
FVH (80°-90°)	62.5	1.7			G1/100
BL (0°-30°)	101.4	2.8	B0/110		
BM (30°-60°)	306.0	8.3	B1/1000		
BH (60°-80°)	203.1	5.5	B1/500		G1/500
BVH (80°-90°)	3.5	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-G1**  
 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°	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1
2.5°	587.5	594.8	602.0	588.3	574.7	561.1	547.5	535.3	523.2	510.8	498.6
5°	756.0	742.6	729.2	710.8	692.3	673.9	655.4	646.8	638.2	629.6	621.0
7.5°	814.7	790.8	766.7	750.4	734.2	717.9	701.5	675.8	649.8	624.0	598.0
10°	768.6	743.2	717.7	703.4	689.2	674.9	660.7	628.6	596.3	564.2	532.0
12.5°	789.8	762.3	734.9	705.5	676.2	646.8	617.5	593.0	568.2	543.7	519.0
15°	804.4	773.0	741.4	707.8	674.3	640.7	607.2	578.3	549.6	520.6	491.7
17.5°	890.6	845.5	800.5	748.9	697.3	645.8	594.2	560.7	527.4	493.8	460.3
20°	1001.3	937.3	873.2	803.4	733.6	663.8	594.0	552.3	510.6	468.9	427.2
22.5°	1130.0	1050.1	970.0	883.9	797.9	711.8	625.7	565.7	505.8	445.8	385.9
25°	1259.5	1187.4	1115.3	999.4	883.5	767.3	651.4	575.4	499.1	423.0	346.7
27.5°	1493.4	1364.5	1235.6	1088.0	940.7	793.1	645.6	558.4	471.2	383.8	296.6
30°	1646.4	1547.3	1447.9	1253.0	1058.3	863.3	668.4	558.0	447.5	336.8	226.4
32.5°	1829.4	1684.4	1539.1	1327.6	1116.1	904.6	693.1	563.4	433.5	303.7	173.8
35°	2035.0	1877.2	1719.4	1451.5	1183.6	915.5	647.7	521.9	396.1	270.4	144.6
37.5°	2398.3	2134.2	1870.1	1557.8	1245.2	932.9	620.4	494.9	369.1	243.6	117.8
40°	2604.5	2352.3	2100.2	1709.9	1319.6	929.4	539.1	427.6	316.3	204.8	93.3
42.5°	2872.8	2552.9	2232.9	1796.7	1360.5	924.3	488.2	385.0	281.9	178.6	75.5
45°	3031.9	2669.5	2307.1	1834.4	1361.8	889.1	416.5	327.2	237.9	148.6	59.3
47.5°	3132.3	2768.8	2405.4	1897.9	1390.7	883.3	375.8	293.7	211.5	129.3	47.2
50°	3183.2	2818.7	2454.0	1932.5	1411.0	889.3	367.8	286.1	204.2	122.4	40.5
52.5°	3236.2	2884.7	2533.0	1992.5	1451.9	911.3	370.8	287.4	204.2	120.7	37.3
55°	3343.3	2996.7	2649.8	2078.4	1507.0	935.7	364.3	282.1	200.0	117.6	35.4
57.5°	3475.0	3104.4	2733.6	2141.3	1548.9	956.6	364.3	281.7	199.1	116.3	33.7
60°	3450.0	3047.8	2645.4	2070.6	1495.9	921.0	346.3	267.7	189.3	110.7	32.1
62.5°	3278.8	2842.2	2405.4	1874.2	1342.9	811.8	280.4	217.8	155.1	92.2	29.6
65°	3077.6	2614.1	2150.5	1661.7	1172.7	683.9	194.9	153.0	110.9	69.0	26.8
67.5°	2835.3	2341.0	1846.8	1412.1	977.6	542.9	108.2	87.2	66.2	45.1	24.1
70°	2414.8	1904.6	1394.3	1060.2	726.3	392.2	58.1	49.0	40.0	31.0	22.0
72.5°	1812.8	1345.4	878.0	666.9	456.1	245.0	34.0	30.6	27.0	23.7	20.1
75°	1233.5	883.3	533.0	405.8	278.8	151.5	24.3	22.6	20.8	19.1	17.2
77.5°	838.6	606.6	374.6	285.9	197.2	108.6	19.9	18.9	17.8	16.6	15.5
80°	523.6	358.4	193.3	148.8	104.2	59.7	15.1	14.5	13.8	13.0	12.4
82.5°	366.2	219.0	71.9	56.2	40.5	24.5	8.8	9.0	9.2	9.2	9.4
85°	153.6	83.0	12.4	10.5	8.6	6.7	4.8	5.2	5.9	6.3	6.7
87.5°	2.7	1.5	0.0	0.4	1.0	1.5	1.9	2.5	2.9	3.6	4.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1
2.5°	501.8	504.9	507.9	511.0	508.5	506.2	503.7	501.2	497.4	493.8	490.0
5°	610.6	600.1	589.6	579.1	563.2	547.3	531.1	515.2	513.3	511.4	509.3
7.5°	573.5	548.9	524.2	499.7	476.6	453.6	430.5	407.5	400.3	393.4	386.3
10°	513.1	494.2	475.2	456.3	439.7	423.0	406.4	389.6	372.3	354.9	337.2
12.5°	499.3	479.6	459.7	440.0	424.9	409.8	394.7	379.6	360.1	340.6	321.1
15°	470.3	449.0	427.6	406.2	386.1	366.0	345.6	325.5	302.0	278.6	255.1
17.5°	434.9	409.8	384.4	359.0	332.6	306.2	279.8	253.4	226.4	199.5	172.5
20°	392.8	358.4	323.8	289.5	256.8	224.1	191.2	158.5	141.5	124.7	107.7
22.5°	341.4	296.8	252.4	207.7	180.9	153.8	127.0	100.0	92.6	85.3	78.0
25°	296.2	245.7	195.1	144.6	127.6	110.7	93.7	76.7	73.4	69.8	66.4
27.5°	249.0	201.6	154.1	106.5	96.8	87.0	77.3	67.5	65.2	63.1	60.8
30°	190.9	155.5	119.9	84.5	78.2	71.9	65.4	59.1	58.1	56.8	55.8
32.5°	148.0	122.0	96.2	70.2	66.7	63.1	59.5	56.0	54.3	52.6	50.7
35°	123.7	102.9	82.0	61.0	58.5	55.8	53.2	50.5	48.8	47.0	45.3
37.5°	102.5	87.4	72.1	56.8	54.1	51.4	48.4	45.7	44.4	43.2	41.9
40°	84.5	75.7	66.9	58.1	54.1	50.1	46.1	42.1	41.1	40.0	39.0
42.5°	69.8	64.1	58.3	52.6	49.7	47.0	44.0	41.1	39.6	37.9	36.5
45°	56.4	53.2	50.3	47.2	47.4	47.6	47.6	47.8	44.0	40.0	36.3
47.5°	45.7	44.2	42.5	41.1	42.8	44.4	45.9	47.6	43.6	39.6	35.4
50°	39.2	38.1	36.9	35.6	37.3	39.2	40.9	42.5	40.9	39.4	37.7
52.5°	35.8	34.4	32.9	31.4	32.1	32.9	33.5	34.2	34.2	34.2	34.2
55°	33.7	32.3	30.6	28.9	28.3	27.5	26.8	26.0	24.9	24.1	23.1
57.5°	32.1	30.4	28.5	26.8	25.8	24.5	23.5	22.2	21.2	19.9	18.9
60°	30.4	28.7	26.8	25.2	24.1	23.1	21.8	20.8	19.5	18.4	17.2
62.5°	28.1	26.6	25.2	23.7	22.6	21.8	20.8	19.7	18.4	17.2	15.7
65°	25.6	24.5	23.3	22.0	21.0	19.9	18.9	17.8	16.6	15.5	14.3
67.5°	23.3	22.2	21.4	20.3	19.1	18.0	16.8	15.5	14.7	13.8	12.8
70°	21.4	20.5	19.9	19.1	17.8	16.8	15.5	14.3	13.6	12.8	12.2
72.5°	19.5	18.9	18.0	17.4	16.3	15.3	14.3	13.2	12.6	11.9	11.3
75°	16.8	16.3	15.9	15.5	14.5	13.4	12.2	11.1	10.9	10.7	10.5
77.5°	15.1	14.9	14.5	14.0	13.0	11.9	10.9	9.9	10.1	10.3	10.3
80°	12.4	12.4	12.2	12.2	11.3	10.5	9.4	8.6	9.0	9.6	10.1
82.5°	9.4	9.4	9.4	9.4	8.6	7.8	6.9	6.1	6.7	7.1	7.8
85°	6.5	6.3	6.1	5.9	5.2	4.8	4.2	3.6	4.4	5.0	5.9
87.5°	4.0	4.2	4.2	4.2	3.8	3.1	2.7	2.1	2.5	2.7	3.1
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: P596553  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596553  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1
2.5°	486.3	480.0	473.7	467.2	460.9	446.2	431.6	416.9	402.2	413.1	423.8
5°	507.4	495.3	482.9	470.8	458.4	452.9	447.7	442.3	436.8	437.6	438.7
7.5°	379.2	371.2	363.2	355.1	347.1	345.4	344.0	342.3	340.6	344.2	347.5
10°	319.9	308.7	297.4	286.3	275.0	268.9	262.8	256.8	250.7	250.1	249.2
12.5°	301.6	284.6	267.9	250.9	233.9	220.7	207.5	194.3	181.1	182.1	183.2
15°	231.6	214.6	197.9	180.9	163.9	153.2	142.3	131.6	120.7	117.6	114.4
17.5°	145.5	132.9	120.3	107.5	94.9	91.4	88.0	84.5	80.9	79.9	78.8
20°	90.8	85.3	79.9	74.2	68.7	67.9	67.1	66.2	65.4	66.0	66.7
22.5°	70.6	68.3	65.8	63.5	61.0	60.2	59.3	58.5	57.6	58.3	58.7
25°	62.9	61.2	59.5	57.8	56.2	55.3	54.3	53.4	52.4	52.8	53.4
27.5°	58.5	57.0	55.5	54.1	52.6	51.1	49.9	48.4	47.0	47.8	48.4
30°	54.5	52.8	51.4	49.7	48.0	46.5	45.1	43.4	41.9	42.8	43.6
32.5°	49.0	47.6	45.9	44.4	42.8	41.9	41.1	40.0	39.2	39.8	40.2
35°	43.4	42.1	41.1	39.8	38.6	37.7	37.1	36.3	35.4	35.6	36.1
37.5°	40.7	39.2	37.7	36.3	34.8	34.4	34.0	33.3	32.9	32.9	32.9
40°	37.9	36.5	35.0	33.3	31.9	31.2	30.6	30.0	29.3	29.3	29.3
42.5°	34.8	33.3	31.9	30.4	28.9	28.3	27.5	26.8	26.0	26.0	26.0
45°	32.3	30.8	29.6	28.1	26.6	25.6	24.5	23.3	22.2	22.0	21.8
47.5°	31.4	29.3	27.2	25.2	23.1	22.0	21.0	19.7	18.7	18.4	18.2
50°	36.1	31.9	27.7	23.5	19.3	18.4	17.6	16.8	15.9	15.5	15.3
52.5°	34.2	29.8	25.4	21.0	16.6	15.9	15.3	14.7	14.0	13.6	13.2
55°	22.0	20.1	18.4	16.6	14.7	14.3	13.8	13.2	12.8	12.4	11.9
57.5°	17.6	16.6	15.7	14.7	13.6	13.2	12.8	12.2	11.7	11.1	10.7
60°	15.9	15.1	14.3	13.4	12.6	12.2	11.7	11.3	10.9	10.3	9.9
62.5°	14.5	13.8	13.2	12.6	11.9	11.5	11.1	10.7	10.3	9.6	9.0
65°	13.0	12.6	12.2	11.7	11.3	10.9	10.5	9.9	9.4	8.8	8.2
67.5°	11.9	11.7	11.5	11.3	11.1	10.7	10.1	9.6	9.0	8.4	7.5
70°	11.3	11.3	11.3	11.1	11.1	10.7	10.1	9.6	9.0	8.2	7.5
72.5°	10.7	10.9	11.1	11.1	11.3	10.7	10.1	9.4	8.8	8.0	7.3
75°	10.3	10.5	10.7	10.7	10.9	10.5	10.1	9.4	9.0	8.2	7.3
77.5°	10.5	10.7	10.7	10.9	10.9	10.5	10.1	9.4	9.0	8.0	6.9
80°	10.5	10.3	10.1	9.6	9.4	8.6	7.8	6.7	5.9	4.6	3.6
82.5°	8.2	7.8	7.5	7.1	6.7	5.9	5.0	4.2	3.4	2.5	1.7
85°	6.5	6.1	5.9	5.4	5.0	4.4	3.6	2.9	2.1	1.7	1.0
87.5°	3.4	3.1	2.7	2.5	2.1	1.7	1.0	0.6	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: P596553  
 CATALOG NUMBER: MSA-SA1D-827-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: P596553  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1
2.5°	434.7	445.4	443.9	442.5	449.4	456.3	451.3	446.4	441.4	436.4	425.9
5°	439.5	440.4	438.9	437.2	437.4	437.6	434.3	430.9	427.6	424.2	423.6
7.5°	351.1	354.4	359.0	363.4	363.7	363.7	361.1	358.6	355.9	353.4	354.6
10°	248.6	247.7	249.0	250.3	250.1	249.6	256.3	263.0	269.5	276.3	271.4
12.5°	184.0	185.1	179.8	174.6	176.5	178.2	179.2	180.3	181.3	182.4	185.3
15°	111.3	108.2	104.4	100.6	102.5	104.2	106.1	107.7	109.6	111.3	113.2
17.5°	77.6	76.5	74.8	72.9	73.2	73.4	73.6	73.8	73.8	74.0	74.4
20°	67.3	67.9	66.7	65.2	64.8	64.1	63.7	63.3	62.7	62.3	61.6
22.5°	59.3	59.7	59.9	59.9	59.1	58.1	57.2	56.6	55.8	54.9	54.5
25°	53.9	54.3	53.9	53.2	52.8	52.4	52.0	51.4	50.9	50.3	50.1
27.5°	49.3	49.9	49.9	49.7	49.3	48.6	47.6	46.7	45.7	44.6	44.9
30°	44.4	45.3	45.3	45.1	44.9	44.6	43.6	42.5	41.5	40.5	40.9
32.5°	40.9	41.3	41.1	40.9	40.9	40.7	39.8	39.2	38.4	37.5	37.5
35°	36.3	36.5	36.5	36.5	36.5	36.3	35.6	35.0	34.4	33.7	34.0
37.5°	32.9	32.9	33.5	34.0	33.5	33.1	32.7	32.1	31.6	31.0	31.0
40°	29.1	29.1	29.8	30.2	29.8	29.3	29.1	28.7	28.5	28.1	28.1
42.5°	25.8	25.8	26.4	26.8	26.8	26.6	26.2	25.8	25.4	24.9	25.2
45°	21.6	21.4	22.4	23.3	22.8	22.4	22.4	22.2	22.2	22.0	22.2
47.5°	17.8	17.6	18.4	19.3	19.1	18.7	18.7	18.7	18.7	18.7	18.9
50°	14.9	14.5	15.3	15.9	15.7	15.3	15.3	15.5	15.5	15.5	15.7
52.5°	12.8	12.4	13.0	13.4	13.2	13.0	13.0	13.2	13.2	13.2	13.4
55°	11.3	10.9	11.5	11.9	11.7	11.3	11.5	11.5	11.7	11.7	11.7
57.5°	10.1	9.4	9.9	10.3	10.3	10.1	10.3	10.3	10.5	10.5	10.5
60°	9.2	8.6	9.0	9.2	9.2	9.0	9.2	9.2	9.4	9.4	9.4
62.5°	8.2	7.5	8.0	8.2	8.2	8.0	8.2	8.2	8.4	8.4	8.4
65°	7.3	6.7	6.9	7.1	7.1	7.1	7.3	7.3	7.5	7.5	7.5
67.5°	6.9	6.1	6.3	6.5	6.5	6.5	6.7	6.7	6.9	6.9	7.1
70°	6.7	5.9	6.1	6.1	6.3	6.3	6.3	6.5	6.5	6.5	6.5
72.5°	6.5	5.7	5.7	5.7	5.9	5.9	5.9	6.1	6.1	6.1	6.1
75°	6.5	5.7	5.4	5.2	5.4	5.4	5.4	5.7	5.7	5.7	5.7
77.5°	5.7	4.6	4.2	3.6	4.2	4.6	4.8	4.8	5.0	5.0	5.0
80°	2.3	1.0	0.6	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.5
82.5°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.6	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: P596553  
 CATALOG NUMBER: MSA-SA1D-827-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: P596553  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1
2.5°	415.4	404.9	394.5	399.5	404.5	409.6	414.6	414.2	413.5	413.1	412.5
5°	423.2	422.6	421.9	419.0	416.3	413.3	410.4	409.8	408.9	408.3	407.5
7.5°	355.9	356.9	358.2	354.9	351.5	348.1	344.8	336.2	327.6	318.8	310.2
10°	266.6	261.6	256.8	256.3	255.9	255.5	255.1	254.2	253.4	252.4	251.5
12.5°	188.4	191.4	194.3	193.3	192.2	190.9	189.9	191.4	193.0	194.5	196.0
15°	114.9	116.7	118.4	122.2	126.0	129.7	133.5	135.0	136.7	138.1	139.6
17.5°	74.8	75.0	75.5	79.6	83.6	87.8	91.8	94.5	97.3	99.8	102.5
20°	61.0	60.4	59.7	62.0	64.3	66.7	69.0	71.5	74.0	76.5	79.0
22.5°	54.3	53.9	53.4	54.3	55.1	55.8	56.6	58.5	60.6	62.5	64.3
25°	49.9	49.5	49.3	49.7	50.1	50.5	50.9	52.0	53.0	54.1	55.1
27.5°	44.9	45.1	45.1	45.5	45.7	46.1	46.3	46.7	47.4	47.8	48.2
30°	41.1	41.5	41.7	42.1	42.3	42.8	43.0	42.8	42.5	42.3	42.1
32.5°	37.5	37.3	37.3	37.7	37.9	38.4	38.6	39.0	39.4	39.6	40.0
35°	34.0	34.2	34.2	34.2	34.4	34.4	34.4	34.8	35.4	35.8	36.3
37.5°	30.8	30.8	30.6	31.2	31.6	32.3	32.7	33.1	33.7	34.2	34.6
40°	28.1	28.1	28.1	28.5	28.9	29.1	29.6	30.6	31.6	32.7	33.7
42.5°	25.2	25.4	25.4	25.8	26.2	26.4	26.8	27.7	28.3	29.1	29.8
45°	22.4	22.6	22.8	23.3	23.5	23.9	24.1	24.5	24.7	25.2	25.4
47.5°	19.3	19.5	19.7	20.1	20.3	20.8	21.0	20.8	20.8	20.5	20.3
50°	16.1	16.3	16.6	17.2	17.6	18.2	18.7	18.2	17.8	17.2	16.8
52.5°	13.6	13.6	13.8	14.3	14.7	14.9	15.3	15.1	14.9	14.7	14.5
55°	11.7	11.7	11.7	11.9	12.2	12.4	12.6	12.8	12.8	13.0	13.0
57.5°	10.5	10.3	10.3	10.5	10.7	10.7	10.9	11.1	11.1	11.3	11.3
60°	9.4	9.2	9.2	9.4	9.6	9.9	10.1	10.1	10.1	9.9	9.9
62.5°	8.4	8.4	8.4	8.6	8.6	8.8	8.8	8.8	9.0	9.0	9.0
65°	7.8	7.8	7.8	7.8	7.8	7.5	7.5	7.8	7.8	8.0	8.0
67.5°	7.1	7.3	7.3	7.1	6.9	6.7	6.5	6.7	6.7	6.9	6.9
70°	6.5	6.5	6.5	6.3	6.1	5.9	5.7	5.7	5.7	5.4	5.4
72.5°	6.1	5.9	5.9	5.7	5.2	5.0	4.6	4.4	4.4	4.2	4.0
75°	5.7	5.4	5.4	5.0	4.6	4.2	3.8	3.6	3.1	2.9	2.5
77.5°	5.0	5.0	5.0	4.4	4.0	3.4	2.7	2.3	1.9	1.3	0.8
80°	1.7	1.9	2.1	1.9	1.9	1.7	1.5	1.0	0.8	0.4	0.0
82.5°	0.2	0.2	0.2	0.2	0.2	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: P596553  
 CATALOG NUMBER: MSA-SA1D-827-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: P596553  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1
2.5°	414.8	417.1	419.4	421.7	421.9	422.1	422.3	422.6	417.3	411.9	406.6
5°	411.7	416.1	420.2	424.4	422.1	419.8	417.5	415.2	415.0	415.0	414.8
7.5°	310.8	311.3	311.9	312.3	313.1	314.0	314.6	315.4	318.8	322.2	325.3
10°	248.8	246.1	243.1	240.4	238.3	236.0	233.9	231.6	233.3	235.2	236.8
12.5°	193.7	191.4	188.9	186.5	185.7	184.9	183.8	183.0	188.4	193.9	199.1
15°	139.2	138.8	138.1	137.7	140.4	143.2	145.9	148.6	153.2	157.6	162.2
17.5°	103.5	104.6	105.6	106.7	108.4	110.0	111.5	113.2	116.5	120.1	123.5
20°	80.3	81.7	83.0	84.3	83.8	83.4	82.8	82.4	85.1	87.8	90.3
22.5°	65.6	66.7	67.9	69.0	69.2	69.4	69.6	69.8	71.5	72.9	74.6
25°	56.2	57.4	58.5	59.5	59.7	59.9	60.2	60.4	62.5	64.6	66.4
27.5°	49.7	50.9	52.4	53.7	54.1	54.5	54.9	55.3	56.6	57.6	58.9
30°	43.8	45.5	47.2	48.8	49.5	50.1	50.7	51.4	52.6	54.1	55.3
32.5°	40.9	41.9	42.8	43.6	45.1	46.3	47.8	49.0	50.5	52.2	53.7
35°	37.5	38.6	39.8	40.9	41.9	43.0	43.8	44.9	45.7	46.5	47.2
37.5°	35.4	36.5	37.3	38.1	38.6	39.0	39.2	39.6	40.0	40.5	40.7
40°	33.7	33.5	33.5	33.3	33.7	34.4	34.8	35.2	36.5	37.5	38.8
42.5°	29.3	28.7	28.3	27.7	28.7	29.6	30.6	31.4	33.1	34.8	36.5
45°	24.9	24.5	23.9	23.5	24.9	26.4	27.9	29.3	31.2	32.9	34.8
47.5°	20.5	20.8	20.8	21.0	22.4	23.9	25.2	26.6	28.5	30.4	32.3
50°	17.2	17.6	18.0	18.4	19.9	21.2	22.6	23.9	26.0	27.9	30.0
52.5°	15.1	15.7	16.1	16.8	18.0	19.5	20.8	22.0	23.9	25.8	27.7
55°	13.6	14.5	15.1	15.7	16.8	17.8	18.9	19.9	21.8	23.7	25.4
57.5°	11.9	12.6	13.2	13.8	14.9	15.9	16.8	17.8	19.5	21.4	23.1
60°	10.5	10.9	11.5	11.9	12.8	13.8	14.7	15.5	17.2	18.9	20.3
62.5°	9.2	9.6	9.9	10.1	10.9	11.7	12.6	13.4	14.9	16.6	18.0
65°	8.2	8.4	8.4	8.6	9.2	10.1	10.7	11.3	13.0	14.5	16.1
67.5°	6.9	7.1	7.1	7.1	7.8	8.4	9.0	9.6	11.1	12.8	14.3
70°	5.4	5.7	5.7	5.7	6.3	7.1	7.8	8.4	9.6	10.9	12.2
72.5°	4.2	4.2	4.4	4.4	5.0	5.9	6.5	7.1	8.2	9.2	10.3
75°	2.7	2.9	2.9	3.1	3.8	4.6	5.2	5.9	6.9	8.0	8.8
77.5°	1.0	1.5	1.7	1.9	2.5	3.1	3.8	4.4	5.2	6.3	7.1
80°	0.0	0.2	0.2	0.2	0.6	0.8	1.3	1.5	2.1	2.9	3.6
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: P596553  
 CATALOG NUMBER: MSA-SA1D-827-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: P596553  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1
2.5°	401.2	412.7	424.2	435.8	447.3	461.5	475.8	477.9	480.0	477.5	475.2
5°	414.6	420.2	425.7	431.4	436.8	453.2	469.3	469.5	469.5	469.7	469.7
7.5°	328.7	333.5	338.3	342.9	347.7	358.4	369.1	373.1	376.9	376.0	375.2
10°	238.5	244.8	250.9	257.2	263.3	273.1	283.0	286.7	290.3	301.8	313.6
12.5°	204.6	210.6	216.7	222.6	228.7	238.7	248.8	256.1	263.3	270.4	277.5
15°	166.6	171.5	176.5	181.3	186.1	190.7	195.3	204.4	213.2	220.3	227.4
17.5°	126.8	128.9	130.8	132.9	134.8	136.9	139.0	142.7	146.3	152.6	158.7
20°	93.1	94.7	96.4	97.9	99.6	101.7	103.8	106.5	109.0	110.5	111.7
22.5°	76.1	78.6	81.1	83.4	85.9	87.4	88.9	89.7	90.5	91.2	91.8
25°	68.5	70.8	72.9	75.2	77.3	78.0	78.6	80.3	82.0	82.0	82.0
27.5°	59.9	63.1	66.4	69.6	72.7	73.6	74.2	74.8	75.2	74.4	73.4
30°	56.6	59.7	62.9	65.8	69.0	70.2	71.3	71.9	72.5	71.5	70.4
32.5°	55.1	58.1	60.8	63.7	66.4	68.1	69.6	71.3	72.7	72.9	73.4
35°	48.0	49.9	52.0	53.9	55.8	56.6	57.4	58.1	58.5	58.5	58.5
37.5°	41.1	43.6	46.3	48.8	51.4	53.2	55.1	55.3	55.3	55.8	56.4
40°	39.8	42.3	44.9	47.2	49.7	51.8	53.7	53.9	54.1	54.5	54.9
42.5°	38.1	40.9	43.6	46.3	49.0	51.1	53.0	53.0	52.8	53.4	53.9
45°	36.5	39.2	41.7	44.4	47.0	49.7	52.2	51.6	50.7	51.8	52.6
47.5°	34.2	37.1	40.0	42.8	45.7	48.2	50.5	50.1	49.5	50.5	51.6
50°	31.9	34.8	37.7	40.7	43.6	46.3	48.8	48.4	48.0	49.3	50.3
52.5°	29.6	32.5	35.6	38.6	41.5	43.8	45.9	45.7	45.5	46.7	48.2
55°	27.2	30.0	32.9	35.6	38.4	40.9	43.2	42.8	42.3	43.4	44.4
57.5°	24.7	27.5	30.0	32.7	35.2	37.3	39.2	38.6	37.9	39.2	40.5
60°	22.0	24.5	27.0	29.3	31.9	33.5	35.0	34.6	34.0	35.2	36.5
62.5°	19.5	21.8	24.1	26.2	28.5	29.8	31.0	30.6	30.2	31.4	32.9
65°	17.6	19.5	21.2	23.1	24.7	26.0	27.2	26.6	26.0	27.5	28.7
67.5°	15.7	17.2	18.9	20.3	21.8	22.8	23.9	23.5	22.8	23.9	24.9
70°	13.4	14.9	16.3	17.6	19.1	20.1	21.2	20.5	19.7	20.8	21.8
72.5°	11.3	12.6	13.8	14.9	16.1	17.0	17.8	17.2	16.6	17.4	18.2
75°	9.9	10.9	11.9	12.8	13.8	14.3	14.7	14.5	14.0	14.9	15.5
77.5°	8.0	8.8	9.9	10.7	11.5	11.5	11.5	11.7	11.7	12.6	13.6
80°	4.2	5.0	5.9	6.5	7.3	7.3	7.1	7.5	7.8	8.8	9.9
82.5°	0.0	0.6	1.3	1.9	2.5	2.3	1.9	2.1	2.1	2.5	2.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
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: P596553  
 CATALOG NUMBER: MSA-SA1D-827-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: P596553  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1
2.5°	472.6	470.1	468.5	467.0	465.3	463.6	465.7	467.8	469.7	471.8	478.1
5°	469.9	469.9	468.5	467.0	465.5	464.1	467.2	470.1	473.3	476.2	476.0
7.5°	374.1	373.3	382.1	390.7	399.5	408.1	410.4	412.7	414.8	417.1	416.5
10°	325.1	336.6	340.4	344.2	347.9	351.7	356.3	360.9	365.5	370.2	371.8
12.5°	284.6	291.8	303.9	315.9	328.0	340.0	346.1	352.3	358.4	364.5	376.4
15°	234.5	241.7	252.1	262.6	273.1	283.6	293.2	303.1	312.7	322.4	336.8
17.5°	165.0	171.0	179.0	187.0	194.7	202.7	217.6	232.4	247.3	262.2	277.5
20°	113.2	114.4	118.2	122.2	126.0	129.7	143.2	156.8	170.2	183.6	203.7
22.5°	92.2	92.9	94.7	96.6	98.3	100.2	107.1	114.2	121.1	128.1	144.4
25°	81.7	81.7	83.0	84.3	85.5	86.8	90.5	94.3	97.9	101.7	112.1
27.5°	72.5	71.5	73.4	75.2	77.1	79.0	81.7	84.7	87.4	90.1	97.3
30°	69.4	68.3	70.6	72.9	75.2	77.6	80.3	83.0	85.5	88.2	93.1
32.5°	73.6	73.8	74.6	75.5	76.1	76.9	78.2	79.6	80.9	82.2	86.4
35°	58.5	58.5	59.9	61.4	62.7	64.1	66.4	68.7	71.1	73.4	77.8
37.5°	56.8	57.2	58.5	59.9	61.2	62.5	65.4	68.5	71.5	74.4	78.0
40°	55.1	55.5	57.2	58.9	60.6	62.3	65.2	67.9	70.8	73.6	76.9
42.5°	54.5	54.9	57.0	59.3	61.4	63.5	66.0	68.5	70.8	73.4	78.0
45°	53.7	54.5	57.0	59.7	62.3	64.8	67.1	69.4	71.7	74.0	79.6
47.5°	52.4	53.4	56.4	59.1	62.0	64.8	69.2	73.8	78.2	82.6	85.3
50°	51.6	52.6	55.8	58.9	62.0	65.2	72.3	79.4	86.4	93.5	92.0
52.5°	49.5	50.7	54.7	58.7	62.7	66.7	72.9	79.2	85.5	91.8	88.9
55°	45.5	46.5	51.1	55.8	60.2	64.8	69.4	74.0	78.4	83.0	79.6
57.5°	41.5	42.8	47.2	51.6	55.8	60.2	62.5	64.8	67.1	69.4	68.1
60°	37.7	39.0	44.9	50.7	56.6	62.5	60.4	58.3	56.0	53.9	55.3
62.5°	34.2	35.4	41.1	46.5	52.2	57.6	54.7	51.8	48.8	45.9	48.2
65°	30.2	31.4	33.5	35.8	37.9	40.0	39.8	39.4	39.2	38.8	41.3
67.5°	26.0	27.0	28.1	29.3	30.4	31.4	32.1	32.9	33.5	34.2	36.3
70°	22.6	23.7	24.9	26.0	27.2	28.3	28.7	29.1	29.3	29.8	31.6
72.5°	18.9	19.7	21.4	23.1	24.5	26.2	26.4	26.4	26.6	26.6	28.1
75°	16.3	17.0	18.2	19.5	20.5	21.8	22.4	23.1	23.5	24.1	24.9
77.5°	14.5	15.3	15.7	15.9	16.3	16.6	17.0	17.4	17.8	18.2	18.4
80°	10.7	11.7	12.2	12.4	12.8	13.0	13.0	12.8	12.8	12.6	12.8
82.5°	3.4	3.8	4.4	5.0	5.7	6.3	6.5	6.7	6.7	6.9	6.7
85°	0.6	0.8	1.3	1.7	1.9	2.3	2.1	1.7	1.5	1.0	0.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596553  
 CATALOG NUMBER: MSA-SA1D-827-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: P596553  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1
2.5°	484.4	490.5	496.8	494.2	491.7	489.2	486.7	487.1	487.7	488.2	488.6
5°	475.8	475.4	475.2	482.3	489.6	496.8	503.9	511.6	519.6	527.4	535.1
7.5°	415.8	415.0	414.4	423.6	432.8	442.0	451.3	462.0	472.9	483.5	494.2
10°	373.5	375.2	376.9	380.6	384.6	388.4	392.2	402.4	412.7	422.8	433.0
12.5°	388.4	400.1	412.1	414.4	416.5	418.8	420.9	422.3	423.8	425.3	426.7
15°	351.5	366.0	380.4	386.5	392.4	398.5	404.3	419.8	435.1	450.6	465.9
17.5°	292.8	307.9	323.2	341.4	359.7	377.9	396.1	412.9	429.7	446.4	463.2
20°	224.1	244.2	264.3	287.4	310.6	333.7	356.7	373.5	390.1	406.8	423.4
22.5°	161.0	177.3	193.7	221.5	249.2	277.1	304.8	333.9	363.2	392.4	421.5
25°	122.6	132.9	143.4	170.8	198.3	225.5	253.0	293.0	333.1	373.1	413.1
27.5°	104.2	111.3	118.2	142.9	167.7	192.2	216.9	264.5	312.1	359.7	407.3
30°	98.1	102.9	107.7	128.7	149.9	170.8	191.8	240.0	288.2	336.4	384.6
32.5°	90.5	94.5	98.7	117.2	135.6	153.8	172.3	219.5	266.6	313.6	360.7
35°	82.0	86.4	90.5	109.0	127.4	145.7	164.1	213.0	261.8	310.6	359.5
37.5°	81.3	84.9	88.2	109.6	131.2	152.6	174.0	222.8	271.6	320.3	369.1
40°	80.5	83.8	87.2	109.0	130.6	152.4	174.0	225.1	276.3	327.4	378.5
42.5°	82.6	87.0	91.6	110.9	130.2	149.2	168.5	222.4	276.3	329.9	383.8
45°	85.5	91.2	96.8	114.4	132.0	149.7	167.3	225.7	284.2	342.5	401.0
47.5°	88.2	91.0	93.7	110.5	127.0	143.8	160.3	220.1	279.8	339.6	399.3
50°	90.8	89.3	87.8	106.3	124.7	142.9	161.4	218.4	275.2	332.2	389.0
52.5°	85.7	82.8	79.6	99.4	119.1	138.5	158.2	215.7	273.1	330.5	388.0
55°	76.3	72.9	69.6	89.1	108.4	127.9	147.1	204.4	261.6	318.8	376.0
57.5°	66.7	65.4	63.9	78.8	93.7	108.4	123.2	186.8	250.5	314.0	377.5
60°	56.8	58.1	59.5	70.2	80.9	91.4	102.1	164.3	226.4	288.6	350.7
62.5°	50.3	52.6	54.7	63.7	72.9	82.0	91.0	149.7	208.3	267.0	325.7
65°	44.0	46.5	49.0	59.7	70.6	81.3	92.0	141.7	191.4	241.0	290.7
67.5°	38.4	40.2	42.3	56.4	70.4	84.5	98.5	139.2	179.6	220.3	260.7
70°	33.5	35.2	37.1	53.4	69.8	86.1	102.5	137.1	171.9	206.5	241.0
72.5°	29.6	31.0	32.5	49.0	65.6	82.2	98.7	129.5	160.1	190.9	221.5
75°	25.8	26.4	27.2	41.3	55.1	69.2	83.0	103.5	124.3	144.8	165.4
77.5°	18.7	18.7	18.9	23.1	27.0	31.2	35.2	48.0	60.8	73.4	86.1
80°	12.8	13.0	13.0	14.7	16.1	17.8	19.3	22.0	24.5	27.2	29.8
82.5°	6.5	6.1	5.9	7.5	9.2	10.9	12.6	13.2	13.6	14.3	14.7
85°	0.6	0.2	0.0	1.0	2.1	3.1	4.2	5.0	5.9	6.7	7.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596553  
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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: P596553

CATALOG NUMBER: MSA-SA1D-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1
2.5°	486.9	485.2	483.5	481.9	492.1	502.6	512.9	523.2	552.3	571.4	569.3
5°	542.7	550.2	557.7	565.3	577.4	589.8	602.0	614.1	657.3	683.7	687.5
7.5°	506.0	517.5	529.2	540.8	564.2	587.5	611.0	634.3	669.7	697.1	712.6
10°	446.2	459.4	472.4	485.6	512.1	538.7	565.1	591.5	631.3	669.3	688.7
12.5°	447.5	468.2	489.0	509.7	532.8	555.9	578.7	601.8	626.1	638.9	666.3
15°	482.3	498.6	515.0	531.3	561.5	591.7	621.7	651.9	666.3	697.1	729.2
17.5°	495.1	527.1	559.0	590.9	628.6	666.1	703.8	741.4	768.6	811.4	844.5
20°	471.4	519.4	567.2	615.2	666.9	718.7	770.5	822.3	852.0	892.7	943.8
22.5°	472.4	523.4	574.1	625.0	696.5	767.8	839.2	910.5	990.4	1068.8	1093.7
25°	479.8	546.4	612.9	679.5	762.1	844.7	927.3	1009.9	1106.3	1188.6	1221.8
27.5°	482.3	557.3	632.2	707.2	824.6	941.9	1059.3	1176.7	1291.8	1384.8	1420.3
30°	476.2	568.0	659.6	751.2	895.2	1039.2	1183.2	1327.2	1436.4	1544.8	1588.8
32.5°	477.7	594.6	711.6	828.6	998.1	1167.9	1337.5	1507.0	1576.8	1674.5	1752.1
35°	487.7	616.0	744.1	872.4	1060.0	1247.5	1435.1	1622.7	1737.2	1840.3	1906.1
37.5°	511.2	653.3	795.2	937.3	1167.9	1398.7	1629.2	1859.8	2036.9	2214.0	2244.2
40°	528.6	678.7	828.8	978.8	1246.5	1514.2	1781.8	2049.5	2249.9	2442.1	2462.6
42.5°	548.3	712.6	877.2	1041.5	1340.8	1640.1	1939.4	2238.7	2470.8	2666.7	2680.4
45°	569.9	739.1	908.0	1076.9	1390.5	1703.8	2017.4	2330.8	2601.8	2829.4	2778.0
47.5°	580.2	761.1	941.9	1122.8	1459.0	1795.0	2131.2	2467.2	2710.3	2911.1	2851.2
50°	588.1	787.1	986.2	1185.1	1537.6	1890.2	2242.7	2595.3	2839.0	3024.3	2930.4
52.5°	610.6	833.0	1055.5	1277.9	1652.9	2027.7	2402.7	2777.4	3013.2	3183.4	3051.8
55°	632.4	888.5	1144.8	1401.0	1804.2	2207.7	2611.0	3014.3	3249.0	3394.9	3216.1
57.5°	659.8	942.4	1224.7	1507.0	1938.4	2369.7	2800.9	3232.3	3461.8	3622.9	3437.2
60°	652.7	954.5	1256.6	1558.4	1997.7	2437.0	2876.3	3315.7	3588.4	3786.4	3660.5
62.5°	625.0	924.3	1223.4	1522.7	1954.3	2385.7	2817.2	3248.6	3575.4	3843.7	3801.3
65°	569.1	847.2	1125.6	1403.7	1815.8	2228.1	2640.1	3052.2	3455.5	3796.9	3812.0
67.5°	495.5	730.2	964.8	1199.5	1584.0	1968.4	2352.6	2737.0	3213.0	3611.2	3656.1
70°	417.5	593.8	770.3	946.6	1284.9	1623.1	1961.2	2299.5	2794.4	3195.2	3279.8
72.5°	334.7	448.1	561.3	674.5	918.7	1162.7	1406.8	1650.8	2086.2	2397.2	2545.0
75°	216.9	268.5	320.1	371.6	534.3	696.7	859.4	1021.8	1310.8	1539.9	1707.0
77.5°	96.6	107.1	117.4	127.9	253.4	379.0	504.5	630.1	755.6	893.9	933.1
80°	34.6	39.2	44.0	48.6	110.2	172.1	233.7	295.3	356.1	427.6	445.0
82.5°	14.5	14.5	14.3	14.0	36.1	58.1	80.1	102.1	118.0	135.6	139.0
85°	5.9	4.4	2.7	1.0	4.6	8.4	11.9	15.5	24.9	22.6	41.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596553  
 CATALOG NUMBER: MSA-SA1D-827-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: P596553

CATALOG NUMBER: MSA-SA1D-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1
2.5°	561.3	560.9	560.5	560.1	559.6	552.1	544.8	537.2	529.9	539.1	548.3
5°	681.4	692.3	703.2	714.3	725.2	728.4	731.5	734.7	737.8	744.5	751.2
7.5°	725.6	744.1	762.3	780.8	799.0	816.0	832.7	849.7	866.7	862.5	858.3
10°	710.3	743.7	777.0	810.5	843.9	851.2	858.5	866.1	873.4	892.5	911.6
12.5°	693.8	733.8	773.8	813.9	853.9	876.1	898.1	920.4	942.6	961.9	981.1
15°	772.4	797.9	823.5	849.3	874.9	894.4	913.6	933.1	952.4	965.8	979.0
17.5°	875.7	888.3	900.9	913.6	926.2	941.5	956.8	972.1	987.4	995.4	1003.4
20°	984.9	990.4	995.8	1001.3	1006.7	994.6	982.4	970.2	958.1	965.6	973.0
22.5°	1094.5	1096.4	1098.5	1100.4	1102.3	1074.0	1045.7	1017.4	989.1	977.2	965.2
25°	1263.3	1249.4	1235.6	1221.8	1207.9	1174.4	1140.9	1107.3	1073.8	1044.2	1014.7
27.5°	1446.0	1399.1	1352.3	1305.4	1258.7	1225.1	1191.6	1158.0	1124.5	1080.1	1035.6
30°	1630.3	1554.6	1479.2	1403.5	1328.0	1288.2	1248.4	1208.3	1168.5	1124.1	1079.9
32.5°	1799.2	1708.2	1617.3	1526.1	1435.1	1368.1	1301.0	1233.9	1166.8	1135.8	1104.8
35°	1939.2	1831.7	1724.2	1616.4	1508.9	1442.5	1376.0	1309.6	1243.1	1197.0	1151.1
37.5°	2178.6	2057.6	1936.7	1815.8	1694.8	1604.1	1513.5	1422.8	1332.0	1301.2	1270.4
40°	2399.3	2246.9	2094.5	1942.2	1789.8	1713.7	1637.8	1561.7	1485.9	1435.3	1385.0
42.5°	2574.7	2414.2	2253.8	2093.3	1932.7	1857.5	1782.4	1707.2	1632.0	1598.2	1564.7
45°	2612.7	2461.3	2310.2	2158.9	2007.6	1963.7	1920.2	1876.3	1832.7	1809.5	1786.4
47.5°	2687.5	2523.4	2359.5	2195.4	2031.2	2011.5	1991.8	1971.9	1952.2	1963.3	1974.4
50°	2729.4	2561.9	2394.5	2227.0	2059.5	2065.2	2070.6	2076.3	2082.0	2160.8	2239.4
52.5°	2810.7	2641.6	2472.4	2303.3	2134.2	2169.8	2205.2	2240.8	2276.3	2384.8	2493.2
55°	2956.0	2789.8	2623.6	2457.1	2290.9	2337.9	2384.8	2432.0	2478.9	2594.2	2709.3
57.5°	3171.3	3006.3	2841.6	2676.6	2511.9	2558.6	2605.3	2652.1	2698.8	2803.0	2907.0
60°	3442.3	3272.9	3103.8	2934.4	2765.3	2782.9	2800.3	2817.9	2835.5	2947.4	3059.1
62.5°	3653.3	3497.6	3342.1	3186.3	3030.8	3011.3	2992.0	2972.6	2953.3	3038.4	3123.3
65°	3702.4	3592.8	3483.4	3373.7	3264.1	3204.2	3144.4	3084.5	3024.5	3058.9	3093.3
67.5°	3562.0	3488.0	3414.2	3340.2	3266.2	3141.1	3015.9	2890.6	2765.5	2747.2	2729.0
70°	3236.0	3195.6	3155.3	3114.9	3074.6	2881.8	2689.2	2496.3	2303.7	2257.4	2211.1
72.5°	2553.6	2578.7	2603.9	2629.2	2654.4	2447.9	2241.7	2035.2	1828.8	1770.1	1711.6
75°	1800.7	1886.0	1971.3	2056.6	2141.9	1953.7	1765.7	1577.5	1389.2	1332.9	1276.7
77.5°	976.3	1136.2	1296.2	1456.1	1616.0	1460.7	1305.6	1150.3	995.0	955.8	916.8
80°	462.8	555.0	647.0	739.3	831.5	796.5	761.5	726.3	691.3	699.9	708.5
82.5°	141.9	208.6	275.2	341.9	408.5	413.8	418.8	424.0	429.3	442.3	455.0
85°	47.6	65.2	82.8	100.4	118.0	149.0	180.0	211.3	242.3	222.2	202.3
87.5°	0.0	0.6	1.0	1.7	2.1	6.5	10.9	15.3	19.7	17.0	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



REPORT NUMBER: P596553  
 CATALOG NUMBER: MSA-SA1D-827-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: P596553

CATALOG NUMBER: MSA-SA1D-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1
2.5°	557.7	567.0	567.2	567.6	567.8	568.0	569.1	570.1	571.4	572.4	565.5
5°	758.1	764.8	752.5	740.1	727.5	715.2	726.3	737.4	748.5	759.6	754.8
7.5°	853.9	849.7	848.3	847.0	845.5	844.3	848.5	852.7	856.8	861.0	860.6
10°	930.6	949.7	954.3	958.9	963.7	968.4	958.7	949.1	939.4	929.8	925.8
12.5°	1000.4	1019.7	1035.0	1050.3	1065.8	1081.1	1067.3	1053.7	1039.8	1026.2	1013.2
15°	992.5	1005.7	1018.2	1030.8	1043.4	1056.0	1051.4	1047.0	1042.3	1037.7	1035.6
17.5°	1011.5	1019.5	1016.6	1013.6	1010.5	1007.6	1006.1	1004.8	1003.4	1001.9	996.9
20°	980.5	988.1	986.2	984.5	982.6	980.7	979.5	978.2	976.9	975.7	971.7
22.5°	953.3	941.3	938.2	935.2	932.1	929.2	929.6	930.0	930.2	930.6	948.7
25°	985.1	955.6	944.0	932.5	920.8	909.2	914.5	919.5	924.8	930.0	956.0
27.5°	991.0	946.6	928.1	909.7	891.2	872.8	891.6	910.5	929.4	948.2	990.4
30°	1035.4	991.2	965.4	939.8	914.1	888.5	912.6	936.7	960.8	984.9	1030.6
32.5°	1073.6	1042.6	1024.1	1005.7	987.2	968.8	969.8	970.7	971.7	972.8	1037.1
35°	1105.0	1059.1	1042.3	1025.8	1009.0	992.5	1017.4	1042.3	1067.3	1092.2	1150.1
37.5°	1239.6	1208.8	1178.0	1147.4	1116.5	1085.9	1105.9	1125.8	1145.9	1165.8	1229.7
40°	1334.5	1284.2	1276.3	1268.5	1260.5	1252.8	1263.1	1273.1	1283.4	1293.7	1349.6
42.5°	1530.9	1497.2	1475.6	1454.2	1432.6	1411.2	1419.4	1427.6	1436.0	1444.1	1497.2
45°	1763.2	1739.9	1725.6	1711.4	1696.9	1682.7	1670.3	1658.2	1645.8	1633.6	1687.5
47.5°	1985.5	1996.7	2028.1	2059.3	2090.8	2122.0	2096.4	2070.9	2045.1	2019.5	2019.7
50°	2318.2	2396.8	2412.7	2428.4	2444.4	2460.1	2405.6	2351.1	2296.4	2241.9	2235.4
52.5°	2601.8	2710.1	2715.8	2721.5	2727.3	2733.0	2711.0	2689.0	2666.7	2644.7	2586.3
55°	2824.6	2939.6	2947.4	2954.9	2962.7	2970.3	2951.0	2931.9	2912.6	2893.3	2834.2
57.5°	3011.1	3115.1	3119.7	3124.1	3128.7	3133.3	3134.8	3136.3	3137.9	3139.4	3059.5
60°	3171.0	3283.0	3273.8	3264.7	3255.5	3246.5	3232.7	3218.8	3205.0	3191.2	3139.6
62.5°	3208.4	3293.5	3279.2	3265.2	3250.9	3236.9	3225.1	3213.6	3201.9	3190.1	3157.2
65°	3127.7	3162.0	3147.4	3132.7	3117.8	3103.1	3095.6	3088.3	3080.7	3073.2	3069.0
67.5°	2710.6	2692.3	2709.7	2727.1	2744.5	2761.9	2785.6	2809.3	2833.2	2856.9	2843.0
70°	2164.5	2118.2	2137.5	2156.6	2175.9	2194.9	2230.8	2266.6	2302.7	2338.5	2328.9
72.5°	1652.9	1594.2	1596.9	1599.7	1602.6	1605.3	1604.3	1603.4	1602.4	1601.3	1618.1
75°	1220.3	1163.9	1137.3	1110.7	1084.1	1057.4	1050.9	1044.4	1037.9	1031.4	1062.7
77.5°	877.6	838.6	820.4	802.4	784.1	766.1	775.3	784.5	794.0	803.2	814.1
80°	717.3	725.8	711.8	698.0	683.9	669.9	680.4	690.6	701.1	711.6	679.1
82.5°	468.0	480.8	437.6	394.5	351.3	308.1	334.3	360.5	386.9	413.1	399.7
85°	182.1	162.2	138.3	114.7	90.8	66.9	87.0	107.1	127.2	147.3	160.8
87.5°	11.7	9.2	7.3	5.4	3.4	1.5	3.1	4.8	6.7	8.4	14.0
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: P596553  
 CATALOG NUMBER: MSA-SA1D-827-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: P596553

CATALOG NUMBER: MSA-SA1D-827-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1	443.1
2.5°	558.8	551.9	545.2	532.0	518.8	505.6	492.4	510.8	529.2	547.7	566.1
5°	750.2	745.3	740.7	742.0	743.2	744.7	746.0	748.7	751.4	753.9	756.7
7.5°	860.4	860.0	859.6	849.9	840.3	830.4	820.8	825.6	830.4	835.3	840.1
10°	922.0	918.1	914.1	892.9	871.7	850.3	829.2	820.0	810.5	801.3	792.1
12.5°	1000.2	987.0	974.0	951.4	928.9	906.3	883.7	875.3	866.7	858.3	849.7
15°	1033.8	1031.7	1029.8	1013.6	997.3	981.1	964.8	936.1	907.2	878.4	849.7
17.5°	991.8	986.6	981.6	1007.1	1032.5	1058.1	1083.6	1053.9	1024.1	994.3	964.6
20°	967.7	963.7	959.8	1007.3	1054.7	1102.3	1149.7	1136.5	1123.0	1109.8	1096.6
22.5°	966.7	984.9	1002.9	1044.6	1086.2	1127.9	1169.4	1192.2	1215.3	1238.1	1261.0
25°	982.0	1008.2	1034.2	1103.3	1172.5	1241.9	1311.1	1337.3	1363.2	1389.4	1415.4
27.5°	1032.3	1074.4	1116.3	1176.7	1237.1	1297.6	1358.0	1415.2	1472.7	1529.9	1587.1
30°	1076.1	1121.8	1167.5	1239.4	1311.1	1382.9	1454.6	1526.3	1598.0	1669.7	1741.4
32.5°	1101.5	1166.0	1230.4	1317.8	1405.0	1492.4	1579.8	1658.4	1737.0	1815.4	1894.0
35°	1207.9	1266.0	1323.8	1420.5	1517.1	1613.9	1710.6	1807.8	1905.1	2002.1	2099.4
37.5°	1293.7	1357.8	1421.7	1527.4	1632.8	1738.4	1844.1	1978.4	2113.0	2247.3	2381.7
40°	1405.6	1461.5	1517.5	1616.4	1715.2	1814.1	1913.0	2083.4	2253.8	2424.0	2594.4
42.5°	1550.0	1603.0	1656.1	1761.9	1867.8	1973.6	2079.4	2268.1	2456.7	2645.2	2833.8
45°	1741.4	1795.4	1849.3	1933.6	2017.8	2102.1	2186.3	2386.9	2587.3	2787.9	2988.3
47.5°	2019.9	2020.1	2020.3	2081.1	2141.9	2202.9	2263.7	2465.7	2667.6	2869.6	3071.5
50°	2228.9	2222.2	2215.7	2247.1	2278.4	2309.8	2341.2	2527.2	2713.3	2899.2	3085.1
52.5°	2528.0	2469.5	2411.2	2429.9	2448.3	2467.0	2485.4	2642.9	2800.5	2957.9	3115.3
55°	2775.3	2716.2	2657.1	2650.2	2643.3	2636.4	2629.4	2774.3	2919.1	3063.9	3208.8
57.5°	2979.9	2900.0	2820.4	2804.5	2788.7	2772.8	2756.9	2909.7	3062.3	3215.1	3367.7
60°	3088.3	3036.7	2985.1	2974.9	2964.4	2954.1	2943.6	3069.0	3194.3	3319.7	3445.0
62.5°	3124.5	3091.6	3058.9	3078.2	3097.5	3117.0	3136.3	3191.4	3246.3	3301.4	3356.3
65°	3065.0	3060.8	3056.6	3096.2	3135.6	3175.2	3214.9	3201.2	3187.4	3173.8	3160.1
67.5°	2829.4	2815.6	2801.9	2888.9	2975.7	3062.7	3149.7	3083.6	3017.4	2951.4	2885.4
70°	2319.2	2309.4	2299.7	2425.1	2550.4	2676.0	2801.3	2721.2	2641.2	2561.1	2481.0
72.5°	1634.7	1651.4	1668.2	1816.0	1963.5	2111.3	2258.9	2178.2	2097.5	2016.8	1936.1
75°	1093.7	1124.9	1156.2	1308.3	1460.5	1612.9	1765.0	1670.3	1575.6	1480.8	1386.1
77.5°	825.0	835.9	846.8	943.0	1039.2	1135.6	1231.8	1153.6	1075.3	997.1	918.7
80°	646.6	613.9	581.4	613.1	644.7	676.4	708.0	661.3	614.5	568.0	521.3
82.5°	386.3	372.9	359.5	376.7	393.6	410.8	428.0	407.9	387.6	367.4	347.1
85°	174.0	187.4	200.6	218.0	235.2	252.6	270.0	241.9	213.8	185.7	157.6
87.5°	19.5	25.2	30.8	38.1	45.5	52.8	60.2	47.0	33.5	20.3	7.1
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



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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°	443.1	443.1
2.5°	576.8	587.5
5°	756.4	756.0
7.5°	827.5	814.7
10°	780.3	768.6
12.5°	819.7	789.8
15°	827.1	804.4
17.5°	927.7	890.6
20°	1049.1	1001.3
22.5°	1195.6	1130.0
25°	1337.5	1259.5
27.5°	1540.4	1493.4
30°	1694.0	1646.4
32.5°	1861.7	1829.4
35°	2067.3	2035.0
37.5°	2390.1	2398.3
40°	2599.5	2604.5
42.5°	2853.3	2872.8
45°	3010.1	3031.9
47.5°	3101.9	3132.3
50°	3134.2	3183.2
52.5°	3175.9	3236.2
55°	3276.1	3343.3
57.5°	3421.3	3475.0
60°	3447.5	3450.0
62.5°	3317.6	3278.8
65°	3118.9	3077.6
67.5°	2860.4	2835.3
70°	2447.9	2414.8
72.5°	1874.5	1812.8
75°	1309.8	1233.5
77.5°	878.6	838.6
80°	522.5	523.6
82.5°	356.7	366.2
85°	155.7	153.6
87.5°	5.0	2.7
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



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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)