

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: P367535

Luminaire Tested: **MSA-SA2D-727-U-SLR-HSS**

Issue Date: 12/2/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P367535  
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-SA2D-727-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: 8228 lumens  
Efficiency: N/A  
Efficacy: 63.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2

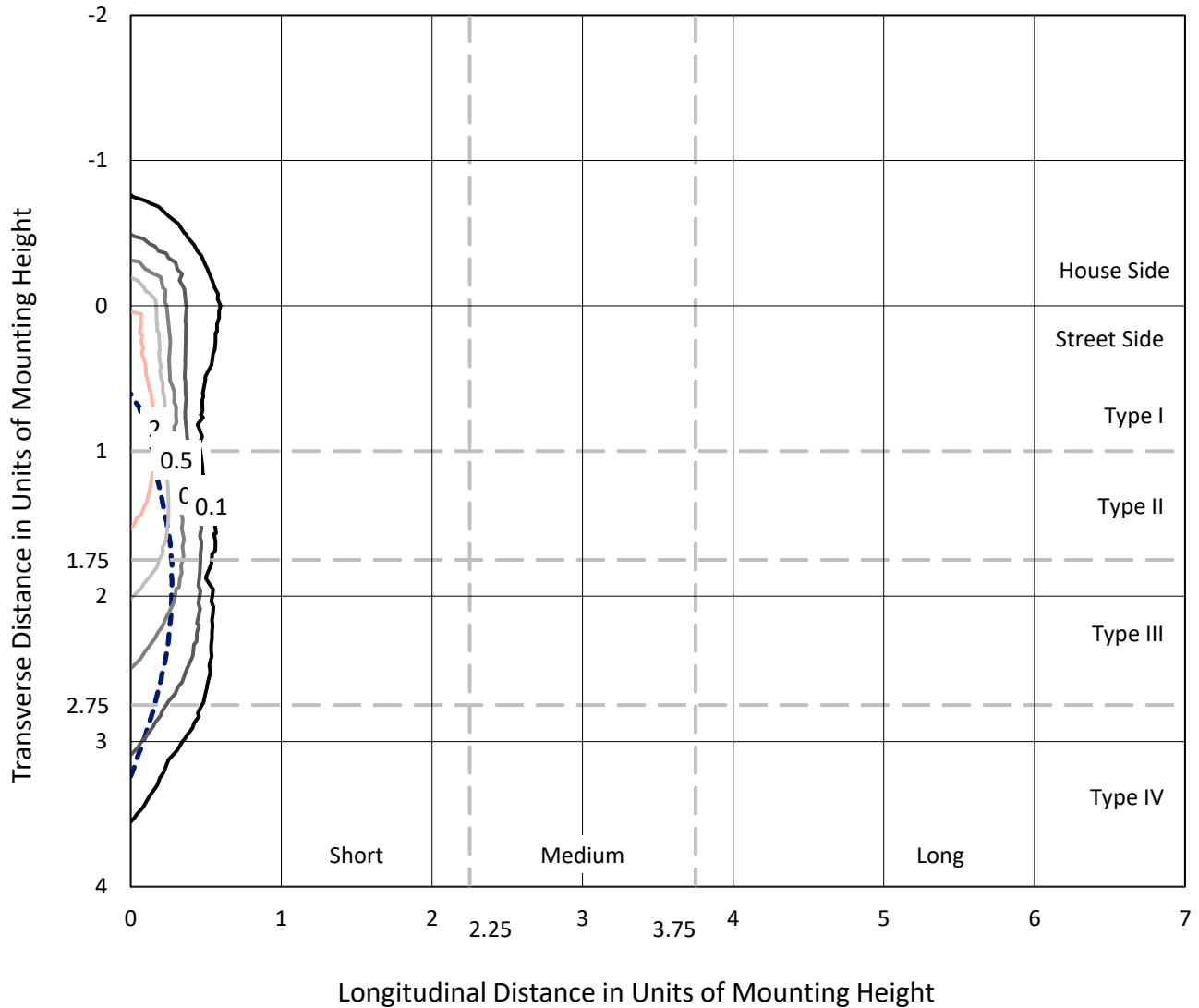
Input Watts (W): 129  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

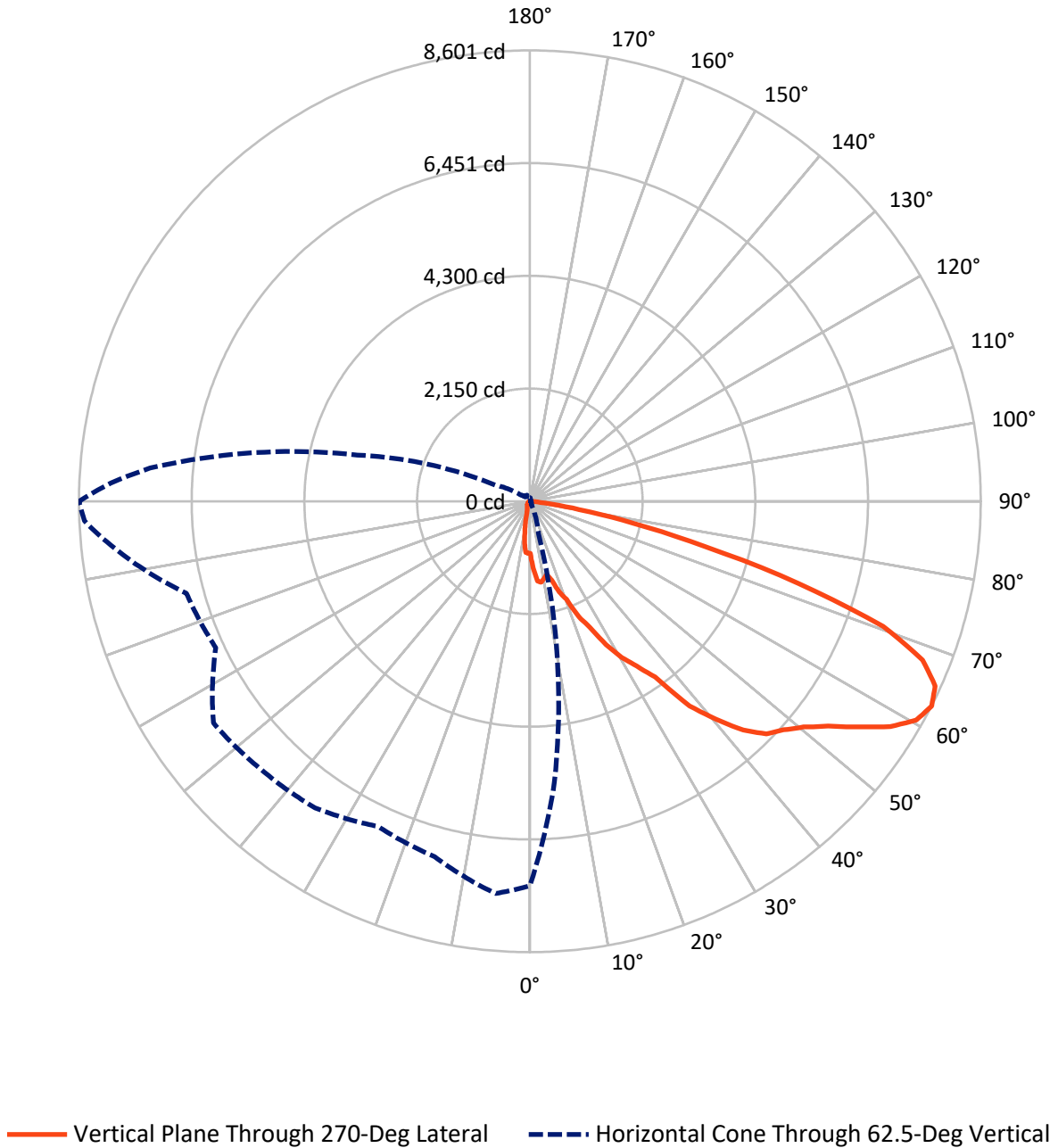
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.2 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	1374.0	0.0	1374.0
	% Fixture	16.7	0.0	16.7
<b>Street Side</b>	Lumens	6854.0	0.0	6854.0
	% Fixture	83.3	0.0	83.3
<b>Total</b>	Lumens	8228.0	0.0	8228.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	110.8	1.3
10°-20°	289.4	3.5
20°-30°	467.7	5.7
30°-40°	783.4	9.5
40°-50°	1280.6	15.6
50°-60°	1895.8	23.0
60°-70°	2176.4	26.5
70°-80°	1076.1	13.1
80°-90°	147.8	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°	8228.0	100.0
0°-180°	8228.0	100.0

**Coefficient of Utilization**

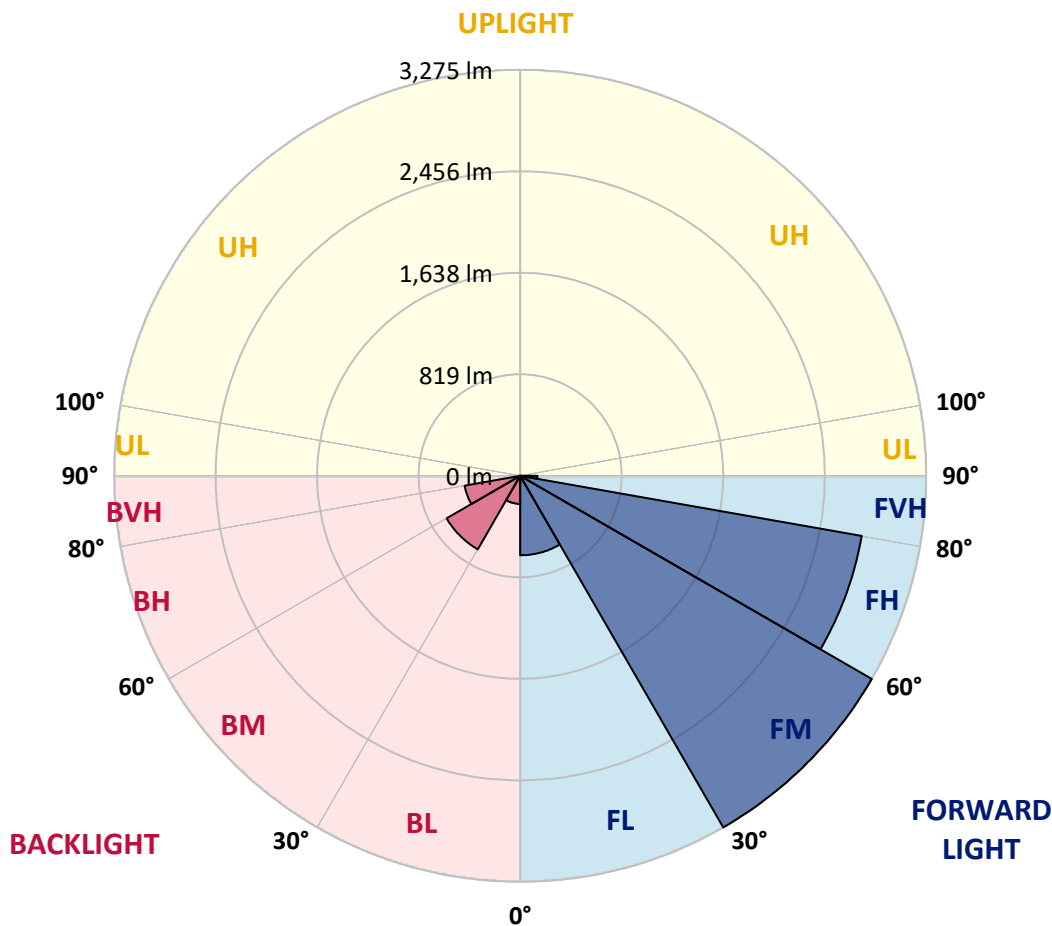


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	641.0	7.8			
FM (30°-60°)	3275.2	39.8			
FH (60°-80°)	2797.9	34.0			G2/5000
FVH (80°-90°)	139.9	1.7			G2/225
BL (0°-30°)	226.9	2.8	B1/500		
BM (30°-60°)	684.6	8.3	B1/1000		
BH (60°-80°)	454.6	5.5	B1/500		G1/500
BVH (80°-90°)	7.9	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°	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5
2.5°	1314.7	1331.1	1347.0	1316.5	1286.1	1255.6	1225.1	1197.9	1170.7	1143.0	1115.8
5°	1691.8	1661.7	1631.7	1590.5	1549.2	1507.9	1466.6	1447.4	1428.2	1408.9	1389.7
7.5°	1823.1	1769.6	1715.7	1679.1	1643.0	1606.4	1569.8	1512.1	1454.0	1396.3	1338.1
10°	1719.9	1663.2	1605.9	1574.0	1542.1	1510.3	1478.4	1406.6	1334.4	1262.6	1190.4
12.5°	1767.3	1705.8	1644.4	1578.7	1513.1	1447.4	1381.7	1326.9	1271.5	1216.6	1161.3
15°	1800.1	1729.8	1658.9	1583.9	1508.8	1433.8	1358.8	1294.0	1229.8	1165.1	1100.3
17.5°	1992.9	1892.0	1791.2	1675.8	1560.4	1445.1	1329.7	1254.6	1180.1	1105.0	1030.0
20°	2240.5	2097.5	1953.9	1797.8	1641.6	1485.4	1329.2	1235.9	1142.5	1049.2	955.9
22.5°	2528.5	2349.8	2170.6	1977.9	1785.6	1592.8	1400.0	1265.9	1131.8	997.6	863.5
25°	2818.4	2657.0	2495.7	2236.3	1976.9	1717.1	1457.7	1287.5	1116.7	946.5	775.8
27.5°	3341.8	3053.3	2764.9	2434.7	2105.0	1774.8	1444.6	1249.5	1054.4	858.8	663.7
30°	3684.2	3462.3	3240.0	2803.8	2368.1	1931.9	1495.7	1248.5	1001.4	753.7	506.5
32.5°	4093.6	3769.1	3444.0	2970.8	2497.5	2024.3	1551.1	1260.7	969.9	679.6	388.8
35°	4553.7	4200.6	3847.4	3248.0	2648.6	2048.7	1449.3	1167.9	886.5	605.0	323.6
37.5°	5366.5	4775.6	4184.6	3485.8	2786.5	2087.6	1388.3	1107.4	825.9	545.0	263.6
40°	5828.1	5263.8	4699.6	3826.3	2953.0	2079.6	1206.3	956.8	707.8	458.2	208.7
42.5°	6428.4	5712.7	4996.5	4020.5	3044.4	2068.4	1092.4	861.6	630.8	399.6	168.8
45°	6784.4	5973.5	5162.5	4104.9	3047.2	1989.6	931.9	732.1	532.3	332.5	132.7
47.5°	7009.1	6195.8	5382.5	4247.0	3112.0	1976.5	841.0	657.1	473.2	289.4	105.5
50°	7123.0	6307.4	5491.3	4324.4	3157.5	1990.1	823.1	640.2	456.8	273.9	90.5
52.5°	7241.7	6455.2	5668.1	4458.5	3248.9	2039.3	829.7	643.0	456.8	270.2	83.5
55°	7481.4	6705.6	5929.4	4650.8	3372.3	2093.7	815.2	631.3	447.4	263.1	79.3
57.5°	7775.9	6946.7	6117.0	4791.5	3466.1	2140.6	815.2	630.4	445.6	260.3	75.5
60°	7720.1	6820.0	5919.5	4633.5	3347.4	2060.9	774.8	598.9	423.5	247.6	71.8
62.5°	7336.9	6359.9	5382.5	4194.0	3005.0	1816.5	627.6	487.3	347.1	206.4	66.1
65°	6886.7	5849.6	4812.2	3718.4	2624.2	1530.4	436.2	342.4	248.1	154.3	60.0
67.5°	6344.5	5238.5	4132.6	3159.8	2187.5	1214.8	242.0	195.1	148.2	100.8	53.9
70°	5403.6	4262.0	3119.9	2372.3	1625.2	877.5	129.9	109.8	89.6	69.4	49.2
72.5°	4056.6	3010.7	1964.7	1492.4	1020.6	548.3	76.0	68.5	60.5	53.0	45.0
75°	2760.2	1976.5	1192.7	908.0	623.8	339.1	54.4	50.7	46.4	42.7	38.5
77.5°	1876.6	1357.3	838.1	639.7	441.3	243.0	44.6	42.2	39.9	37.1	34.7
80°	1171.6	802.0	432.4	333.0	233.1	133.7	33.8	32.4	31.0	29.1	27.7
82.5°	819.4	490.1	160.9	125.7	90.5	54.9	19.7	20.2	20.6	20.6	21.1
85°	343.8	185.7	27.7	23.5	19.2	15.0	10.8	11.7	13.1	14.1	15.0
87.5°	6.1	3.3	0.0	0.9	2.3	3.3	4.2	5.6	6.6	8.0	8.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5
2.5°	1122.8	1129.9	1136.4	1143.5	1137.8	1132.7	1127.1	1121.4	1113.0	1105.0	1096.6
5°	1366.3	1342.8	1319.4	1295.9	1260.3	1224.6	1188.5	1152.9	1148.6	1144.4	1139.7
7.5°	1283.2	1228.4	1173.0	1118.1	1066.6	1015.0	963.4	911.8	895.8	880.4	864.4
10°	1148.2	1106.0	1063.3	1021.1	984.0	946.5	909.4	871.9	833.0	794.1	754.7
12.5°	1117.2	1073.1	1028.6	984.5	950.7	916.9	883.2	849.4	805.8	762.2	718.5
15°	1052.5	1004.6	956.8	909.0	863.9	818.9	773.4	728.4	675.9	623.3	570.8
17.5°	973.2	916.9	860.2	803.4	744.3	685.2	626.1	567.0	506.5	446.5	386.0
20°	878.9	802.0	724.6	647.7	574.6	501.4	427.7	354.6	316.6	279.1	241.1
22.5°	764.0	664.1	564.7	464.8	404.8	344.3	284.2	223.7	207.3	190.9	174.5
25°	662.7	549.7	436.7	323.6	285.6	247.6	209.7	171.7	164.2	156.2	148.7
27.5°	557.2	451.2	344.7	238.3	216.7	194.6	173.1	151.0	145.9	141.2	136.0
30°	427.3	348.0	268.3	189.0	174.9	160.9	146.3	132.3	129.9	127.1	124.8
32.5°	331.1	273.0	215.3	157.1	149.1	141.2	133.2	125.2	121.5	117.7	113.5
35°	276.7	230.3	183.4	136.5	130.9	124.8	119.1	113.0	109.3	105.1	101.3
37.5°	229.4	195.6	161.3	127.1	121.0	114.9	108.3	102.2	99.4	96.6	93.8
40°	189.0	169.3	149.6	129.9	121.0	112.1	103.2	94.3	91.9	89.6	87.2
42.5°	156.2	143.5	130.4	117.7	111.2	105.1	98.5	91.9	88.6	84.9	81.6
45°	126.2	119.1	112.6	105.5	106.0	106.5	106.5	106.9	98.5	89.6	81.1
47.5°	102.2	99.0	95.2	91.9	95.7	99.4	102.7	106.5	97.6	88.6	79.3
50°	87.7	85.4	82.5	79.7	83.5	87.7	91.5	95.2	91.5	88.2	84.4
52.5°	80.2	76.9	73.6	70.4	71.8	73.6	75.0	76.5	76.5	76.5	76.5
55°	75.5	72.2	68.5	64.7	63.3	61.4	60.0	58.2	55.8	53.9	51.6
57.5°	71.8	68.0	63.8	60.0	57.7	54.9	52.5	49.7	47.4	44.6	42.2
60°	68.0	64.3	60.0	56.3	53.9	51.6	48.8	46.4	43.6	41.3	38.5
62.5°	62.8	59.6	56.3	53.0	50.7	48.8	46.4	44.1	41.3	38.5	35.2
65°	57.2	54.9	52.1	49.2	46.9	44.6	42.2	39.9	37.1	34.7	31.9
67.5°	52.1	49.7	47.8	45.5	42.7	40.3	37.5	34.7	32.8	31.0	28.6
70°	47.8	46.0	44.6	42.7	39.9	37.5	34.7	31.9	30.5	28.6	27.2
72.5°	43.6	42.2	40.3	38.9	36.6	34.2	31.9	29.5	28.1	26.7	25.3
75°	37.5	36.6	35.6	34.7	32.4	30.0	27.2	24.9	24.4	23.9	23.5
77.5°	33.8	33.3	32.4	31.4	29.1	26.7	24.4	22.0	22.5	23.0	23.0
80°	27.7	27.7	27.2	27.2	25.3	23.5	21.1	19.2	20.2	21.6	22.5
82.5°	21.1	21.1	21.1	21.1	19.2	17.4	15.5	13.6	15.0	15.9	17.4
85°	14.5	14.1	13.6	13.1	11.7	10.8	9.4	8.0	9.8	11.3	13.1
87.5°	8.9	9.4	9.4	9.4	8.4	7.0	6.1	4.7	5.6	6.1	7.0
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: P367535  
 CATALOG NUMBER: MSA-SA2D-727-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: P367535

CATALOG NUMBER: MSA-SA2D-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5
2.5°	1088.1	1074.1	1060.0	1045.5	1031.4	998.5	965.7	932.9	900.1	924.4	948.4
5°	1135.5	1108.3	1080.6	1053.4	1025.8	1013.6	1001.8	989.6	977.4	979.3	981.7
7.5°	848.5	830.6	812.8	794.5	776.7	772.9	769.7	765.9	762.2	770.1	777.6
10°	715.7	690.9	665.5	640.7	615.4	601.8	588.2	574.6	561.0	559.5	557.7
12.5°	674.9	636.9	599.4	561.4	523.4	493.9	464.3	434.8	405.2	407.6	409.9
15°	518.3	480.3	442.8	404.8	366.8	342.9	318.5	294.5	270.2	263.1	256.1
17.5°	325.5	297.4	269.2	240.6	212.5	204.5	197.0	189.0	181.0	178.7	176.4
20°	203.1	190.9	178.7	166.0	153.8	152.0	150.1	148.2	146.3	147.7	149.1
22.5°	158.1	152.9	147.3	142.1	136.5	134.6	132.7	130.9	129.0	130.4	131.3
25°	140.7	137.0	133.2	129.5	125.7	123.8	121.5	119.6	117.3	118.2	119.6
27.5°	130.9	127.6	124.3	121.0	117.7	114.4	111.6	108.3	105.1	106.9	108.3
30°	121.9	118.2	114.9	111.2	107.4	104.1	100.8	97.1	93.8	95.7	97.6
32.5°	109.8	106.5	102.7	99.4	95.7	93.8	91.9	89.6	87.7	89.1	90.1
35°	97.1	94.3	91.9	89.1	86.3	84.4	83.0	81.1	79.3	79.7	80.7
37.5°	91.0	87.7	84.4	81.1	77.9	76.9	76.0	74.6	73.6	73.6	73.6
40°	84.9	81.6	78.3	74.6	71.3	69.9	68.5	67.1	65.7	65.7	65.7
42.5°	77.9	74.6	71.3	68.0	64.7	63.3	61.4	60.0	58.2	58.2	58.2
45°	72.2	68.9	66.1	62.8	59.6	57.2	54.9	52.1	49.7	49.2	48.8
47.5°	70.4	65.7	61.0	56.3	51.6	49.2	46.9	44.1	41.7	41.3	40.8
50°	80.7	71.3	61.9	52.5	43.2	41.3	39.4	37.5	35.6	34.7	34.2
52.5°	76.5	66.6	56.8	46.9	37.1	35.6	34.2	32.8	31.4	30.5	29.5
55°	49.2	45.0	41.3	37.1	32.8	31.9	31.0	29.5	28.6	27.7	26.7
57.5°	39.4	37.1	35.2	32.8	30.5	29.5	28.6	27.2	26.3	24.9	23.9
60°	35.6	33.8	31.9	30.0	28.1	27.2	26.3	25.3	24.4	23.0	22.0
62.5°	32.4	31.0	29.5	28.1	26.7	25.8	24.9	23.9	23.0	21.6	20.2
65°	29.1	28.1	27.2	26.3	25.3	24.4	23.5	22.0	21.1	19.7	18.3
67.5°	26.7	26.3	25.8	25.3	24.9	23.9	22.5	21.6	20.2	18.8	16.9
70°	25.3	25.3	25.3	24.9	24.9	23.9	22.5	21.6	20.2	18.3	16.9
72.5°	23.9	24.4	24.9	24.9	25.3	23.9	22.5	21.1	19.7	17.8	16.4
75°	23.0	23.5	23.9	23.9	24.4	23.5	22.5	21.1	20.2	18.3	16.4
77.5°	23.5	23.9	23.9	24.4	24.4	23.5	22.5	21.1	20.2	17.8	15.5
80°	23.5	23.0	22.5	21.6	21.1	19.2	17.4	15.0	13.1	10.3	8.0
82.5°	18.3	17.4	16.9	15.9	15.0	13.1	11.3	9.4	7.5	5.6	3.8
85°	14.5	13.6	13.1	12.2	11.3	9.8	8.0	6.6	4.7	3.8	2.3
87.5°	7.5	7.0	6.1	5.6	4.7	3.8	2.3	1.4	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: P367535  
 CATALOG NUMBER: MSA-SA2D-727-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: P367535  
 CATALOG NUMBER: MSA-SA2D-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5
2.5°	972.8	996.7	993.4	990.1	1005.6	1021.1	1009.8	999.0	987.8	976.5	953.1
5°	983.5	985.4	982.1	978.4	978.8	979.3	971.8	964.3	956.8	949.3	947.9
7.5°	785.6	793.1	803.4	813.3	813.8	813.8	808.1	802.5	796.4	790.8	793.6
10°	556.3	554.4	557.2	560.0	559.5	558.6	573.6	588.6	603.2	618.2	607.4
12.5°	411.8	414.1	402.4	390.7	394.9	398.7	401.0	403.4	405.7	408.0	414.6
15°	249.1	242.0	233.6	225.1	229.4	233.1	237.3	241.1	245.3	249.1	253.3
17.5°	173.5	171.2	167.4	163.2	163.7	164.2	164.6	165.1	165.1	165.6	166.5
20°	150.6	152.0	149.1	145.9	144.9	143.5	142.6	141.6	140.2	139.3	137.9
22.5°	132.7	133.7	134.1	134.1	132.3	129.9	128.0	126.6	124.8	122.9	121.9
25°	120.5	121.5	120.5	119.1	118.2	117.3	116.3	114.9	114.0	112.6	112.1
27.5°	110.2	111.6	111.6	111.2	110.2	108.8	106.5	104.6	102.2	99.9	100.4
30°	99.4	101.3	101.3	100.8	100.4	99.9	97.6	95.2	92.9	90.5	91.5
32.5°	91.5	92.4	91.9	91.5	91.5	91.0	89.1	87.7	85.8	84.0	84.0
35°	81.1	81.6	81.6	81.6	81.6	81.1	79.7	78.3	76.9	75.5	76.0
37.5°	73.6	73.6	75.0	76.0	75.0	74.1	73.2	71.8	70.8	69.4	69.4
40°	65.2	65.2	66.6	67.5	66.6	65.7	65.2	64.3	63.8	62.8	62.8
42.5°	57.7	57.7	59.1	60.0	60.0	59.6	58.6	57.7	56.8	55.8	56.3
45°	48.3	47.8	50.2	52.1	51.1	50.2	50.2	49.7	49.7	49.2	49.7
47.5°	39.9	39.4	41.3	43.2	42.7	41.7	41.7	41.7	41.7	41.7	42.2
50°	33.3	32.4	34.2	35.6	35.2	34.2	34.2	34.7	34.7	34.7	35.2
52.5°	28.6	27.7	29.1	30.0	29.5	29.1	29.1	29.5	29.5	29.5	30.0
55°	25.3	24.4	25.8	26.7	26.3	25.3	25.8	25.8	26.3	26.3	26.3
57.5°	22.5	21.1	22.0	23.0	23.0	22.5	23.0	23.0	23.5	23.5	23.5
60°	20.6	19.2	20.2	20.6	20.6	20.2	20.6	20.6	21.1	21.1	21.1
62.5°	18.3	16.9	17.8	18.3	18.3	17.8	18.3	18.3	18.8	18.8	18.8
65°	16.4	15.0	15.5	15.9	15.9	15.9	16.4	16.4	16.9	16.9	16.9
67.5°	15.5	13.6	14.1	14.5	14.5	14.5	15.0	15.0	15.5	15.5	15.9
70°	15.0	13.1	13.6	13.6	14.1	14.1	14.1	14.5	14.5	14.5	14.5
72.5°	14.5	12.7	12.7	12.7	13.1	13.1	13.1	13.6	13.6	13.6	13.6
75°	14.5	12.7	12.2	11.7	12.2	12.2	12.2	12.7	12.7	12.7	12.7
77.5°	12.7	10.3	9.4	8.0	9.4	10.3	10.8	10.8	11.3	11.3	11.3
80°	5.2	2.3	1.4	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.3
82.5°	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.4	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: P367535  
 CATALOG NUMBER: MSA-SA2D-727-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: P367535  
 CATALOG NUMBER: MSA-SA2D-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5
2.5°	929.6	906.2	882.7	894.0	905.2	916.5	927.7	926.8	925.4	924.4	923.0
5°	947.0	945.5	944.1	937.6	931.5	924.9	918.3	916.9	915.1	913.7	911.8
7.5°	796.4	798.7	801.6	794.1	786.5	779.0	771.5	752.3	733.1	713.4	694.2
10°	596.6	585.3	574.6	573.6	572.7	571.7	570.8	568.9	567.0	564.7	562.8
12.5°	421.7	428.2	434.8	432.4	430.1	427.3	424.9	428.2	432.0	435.3	438.5
15°	257.0	261.2	265.0	273.4	281.9	290.3	298.8	302.1	305.8	309.1	312.4
17.5°	167.4	167.9	168.8	178.2	187.1	196.5	205.4	211.5	217.6	223.3	229.4
20°	136.5	135.1	133.7	138.8	144.0	149.1	154.3	159.9	165.6	171.2	176.8
22.5°	121.5	120.5	119.6	121.5	123.4	124.8	126.6	130.9	135.5	139.8	144.0
25°	111.6	110.7	110.2	111.2	112.1	113.0	114.0	116.3	118.7	121.0	123.4
27.5°	100.4	100.8	100.8	101.8	102.2	103.2	103.7	104.6	106.0	106.9	107.9
30°	91.9	92.9	93.3	94.3	94.7	95.7	96.1	95.7	95.2	94.7	94.3
32.5°	84.0	83.5	83.5	84.4	84.9	85.8	86.3	87.2	88.2	88.6	89.6
35°	76.0	76.5	76.5	76.5	76.9	76.9	76.9	77.9	79.3	80.2	81.1
37.5°	68.9	68.9	68.5	69.9	70.8	72.2	73.2	74.1	75.5	76.5	77.4
40°	62.8	62.8	62.8	63.8	64.7	65.2	66.1	68.5	70.8	73.2	75.5
42.5°	56.3	56.8	56.8	57.7	58.6	59.1	60.0	61.9	63.3	65.2	66.6
45°	50.2	50.7	51.1	52.1	52.5	53.5	53.9	54.9	55.3	56.3	56.8
47.5°	43.2	43.6	44.1	45.0	45.5	46.4	46.9	46.4	46.4	46.0	45.5
50°	36.1	36.6	37.1	38.5	39.4	40.8	41.7	40.8	39.9	38.5	37.5
52.5°	30.5	30.5	31.0	31.9	32.8	33.3	34.2	33.8	33.3	32.8	32.4
55°	26.3	26.3	26.3	26.7	27.2	27.7	28.1	28.6	28.6	29.1	29.1
57.5°	23.5	23.0	23.0	23.5	23.9	23.9	24.4	24.9	24.9	25.3	25.3
60°	21.1	20.6	20.6	21.1	21.6	22.0	22.5	22.5	22.5	22.0	22.0
62.5°	18.8	18.8	18.8	19.2	19.2	19.7	19.7	19.7	20.2	20.2	20.2
65°	17.4	17.4	17.4	17.4	17.4	16.9	16.9	17.4	17.4	17.8	17.8
67.5°	15.9	16.4	16.4	15.9	15.5	15.0	14.5	15.0	15.0	15.5	15.5
70°	14.5	14.5	14.5	14.1	13.6	13.1	12.7	12.7	12.7	12.2	12.2
72.5°	13.6	13.1	13.1	12.7	11.7	11.3	10.3	9.8	9.8	9.4	8.9
75°	12.7	12.2	12.2	11.3	10.3	9.4	8.4	8.0	7.0	6.6	5.6
77.5°	11.3	11.3	11.3	9.8	8.9	7.5	6.1	5.2	4.2	2.8	1.9
80°	3.8	4.2	4.7	4.2	4.2	3.8	3.3	2.3	1.9	0.9	0.0
82.5°	0.5	0.5	0.5	0.5	0.5	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: P367535  
 CATALOG NUMBER: MSA-SA2D-727-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: P367535  
 CATALOG NUMBER: MSA-SA2D-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5
2.5°	928.2	933.4	938.5	943.7	944.1	944.6	945.1	945.5	933.8	921.6	909.9
5°	921.2	931.0	940.4	949.8	944.6	939.5	934.3	929.1	928.7	928.7	928.2
7.5°	695.6	696.5	697.9	698.8	700.7	702.6	704.0	705.9	713.4	720.9	727.9
10°	556.7	550.6	544.1	538.0	533.3	528.1	523.4	518.3	522.0	526.2	530.0
12.5°	433.4	428.2	422.6	417.4	415.6	413.7	411.3	409.5	421.7	433.8	445.6
15°	311.4	310.5	309.1	308.1	314.2	320.3	326.4	332.5	342.9	352.7	363.0
17.5°	231.7	234.0	236.4	238.7	242.5	246.2	249.5	253.3	260.8	268.7	276.3
20°	179.6	182.9	185.7	188.5	187.6	186.7	185.3	184.3	190.4	196.5	202.1
22.5°	146.8	149.1	152.0	154.3	154.8	155.2	155.7	156.2	159.9	163.2	167.0
25°	125.7	128.5	130.9	133.2	133.7	134.1	134.6	135.1	139.8	144.5	148.7
27.5°	111.2	114.0	117.3	120.1	121.0	121.9	122.9	123.8	126.6	129.0	131.8
30°	98.0	101.8	105.5	109.3	110.7	112.1	113.5	114.9	117.7	121.0	123.8
32.5°	91.5	93.8	95.7	97.6	100.8	103.7	106.9	109.8	113.0	116.8	120.1
35°	84.0	86.3	89.1	91.5	93.8	96.1	98.0	100.4	102.2	104.1	105.5
37.5°	79.3	81.6	83.5	85.4	86.3	87.2	87.7	88.6	89.6	90.5	91.0
40°	75.5	75.0	75.0	74.6	75.5	76.9	77.9	78.8	81.6	84.0	86.8
42.5°	65.7	64.3	63.3	61.9	64.3	66.1	68.5	70.4	74.1	77.9	81.6
45°	55.8	54.9	53.5	52.5	55.8	59.1	62.4	65.7	69.9	73.6	77.9
47.5°	46.0	46.4	46.4	46.9	50.2	53.5	56.3	59.6	63.8	68.0	72.2
50°	38.5	39.4	40.3	41.3	44.6	47.4	50.7	53.5	58.2	62.4	67.1
52.5°	33.8	35.2	36.1	37.5	40.3	43.6	46.4	49.2	53.5	57.7	61.9
55°	30.5	32.4	33.8	35.2	37.5	39.9	42.2	44.6	48.8	53.0	56.8
57.5°	26.7	28.1	29.5	31.0	33.3	35.6	37.5	39.9	43.6	47.8	51.6
60°	23.5	24.4	25.8	26.7	28.6	31.0	32.8	34.7	38.5	42.2	45.5
62.5°	20.6	21.6	22.0	22.5	24.4	26.3	28.1	30.0	33.3	37.1	40.3
65°	18.3	18.8	18.8	19.2	20.6	22.5	23.9	25.3	29.1	32.4	36.1
67.5°	15.5	15.9	15.9	15.9	17.4	18.8	20.2	21.6	24.9	28.6	31.9
70°	12.2	12.7	12.7	12.7	14.1	15.9	17.4	18.8	21.6	24.4	27.2
72.5°	9.4	9.4	9.8	9.8	11.3	13.1	14.5	15.9	18.3	20.6	23.0
75°	6.1	6.6	6.6	7.0	8.4	10.3	11.7	13.1	15.5	17.8	19.7
77.5°	2.3	3.3	3.8	4.2	5.6	7.0	8.4	9.8	11.7	14.1	15.9
80°	0.0	0.5	0.5	0.5	1.4	1.9	2.8	3.3	4.7	6.6	8.0
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: P367535  
 CATALOG NUMBER: MSA-SA2D-727-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: P367535  
 CATALOG NUMBER: MSA-SA2D-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5
2.5°	897.7	923.5	949.3	975.1	1000.9	1032.8	1064.7	1069.4	1074.1	1068.4	1063.3
5°	927.7	940.4	952.6	965.2	977.4	1014.0	1050.1	1050.6	1050.6	1051.1	1051.1
7.5°	735.4	746.2	757.0	767.3	778.1	802.0	825.9	834.9	843.3	841.4	839.5
10°	533.7	547.8	561.4	575.5	589.1	611.1	633.2	641.6	649.6	675.4	701.7
12.5°	457.8	471.4	485.0	498.1	511.7	534.2	556.7	573.1	589.1	605.0	621.0
15°	372.9	383.7	394.9	405.7	416.5	426.8	437.1	457.3	477.0	492.9	508.9
17.5°	283.8	288.4	292.7	297.4	301.6	306.3	311.0	319.4	327.4	341.4	355.0
20°	208.2	212.0	215.8	219.0	222.8	227.5	232.2	238.3	243.9	247.2	250.0
22.5°	170.3	175.9	181.5	186.7	192.3	195.6	198.9	200.7	202.6	204.0	205.4
25°	153.4	158.5	163.2	168.4	173.1	174.5	175.9	179.6	183.4	183.4	183.4
27.5°	134.1	141.2	148.7	155.7	162.8	164.6	166.0	167.4	168.4	166.5	164.2
30°	126.6	133.7	140.7	147.3	154.3	157.1	159.5	160.9	162.3	159.9	157.6
32.5°	123.4	129.9	136.0	142.6	148.7	152.4	155.7	159.5	162.8	163.2	164.2
35°	107.4	111.6	116.3	120.5	124.8	126.6	128.5	129.9	130.9	130.9	130.9
37.5°	91.9	97.6	103.7	109.3	114.9	119.1	123.4	123.8	123.8	124.8	126.2
40°	89.1	94.7	100.4	105.5	111.2	115.8	120.1	120.5	121.0	121.9	122.9
42.5°	85.4	91.5	97.6	103.7	109.8	114.4	118.7	118.7	118.2	119.6	120.5
45°	81.6	87.7	93.3	99.4	105.1	111.2	116.8	115.4	113.5	115.8	117.7
47.5°	76.5	83.0	89.6	95.7	102.2	107.9	113.0	112.1	110.7	113.0	115.4
50°	71.3	77.9	84.4	91.0	97.6	103.7	109.3	108.3	107.4	110.2	112.6
52.5°	66.1	72.7	79.7	86.3	92.9	98.0	102.7	102.2	101.8	104.6	107.9
55°	61.0	67.1	73.6	79.7	85.8	91.5	96.6	95.7	94.7	97.1	99.4
57.5°	55.3	61.4	67.1	73.2	78.8	83.5	87.7	86.3	84.9	87.7	90.5
60°	49.2	54.9	60.5	65.7	71.3	75.0	78.3	77.4	76.0	78.8	81.6
62.5°	43.6	48.8	53.9	58.6	63.8	66.6	69.4	68.5	67.5	70.4	73.6
65°	39.4	43.6	47.4	51.6	55.3	58.2	61.0	59.6	58.2	61.4	64.3
67.5°	35.2	38.5	42.2	45.5	48.8	51.1	53.5	52.5	51.1	53.5	55.8
70°	30.0	33.3	36.6	39.4	42.7	45.0	47.4	46.0	44.1	46.4	48.8
72.5°	25.3	28.1	31.0	33.3	36.1	38.0	39.9	38.5	37.1	38.9	40.8
75°	22.0	24.4	26.7	28.6	31.0	31.9	32.8	32.4	31.4	33.3	34.7
77.5°	17.8	19.7	22.0	23.9	25.8	25.8	25.8	26.3	26.3	28.1	30.5
80°	9.4	11.3	13.1	14.5	16.4	16.4	15.9	16.9	17.4	19.7	22.0
82.5°	0.0	1.4	2.8	4.2	5.6	5.2	4.2	4.7	4.7	5.6	6.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.9
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: P367535  
 CATALOG NUMBER: MSA-SA2D-727-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: P367535

CATALOG NUMBER: MSA-SA2D-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5
2.5°	1057.6	1052.0	1048.3	1045.0	1041.2	1037.5	1042.2	1046.9	1051.1	1055.8	1069.8
5°	1051.5	1051.5	1048.3	1045.0	1041.7	1038.4	1045.5	1052.0	1059.1	1065.6	1065.1
7.5°	837.2	835.3	855.0	874.3	894.0	913.2	918.3	923.5	928.2	933.4	931.9
10°	727.5	753.2	761.7	770.1	778.6	787.0	797.3	807.7	818.0	828.3	832.0
12.5°	636.9	652.9	680.1	706.8	734.0	760.8	774.4	788.4	802.0	815.6	842.4
15°	524.8	540.8	564.2	587.7	611.1	634.6	656.2	678.2	699.8	721.4	753.7
17.5°	369.1	382.7	400.5	418.4	435.7	453.5	486.8	520.1	553.4	586.7	621.0
20°	253.3	256.1	264.5	273.4	281.9	290.3	320.3	350.8	380.8	410.9	455.9
22.5°	206.4	207.8	212.0	216.2	220.0	224.2	239.7	255.6	271.1	286.6	323.2
25°	182.9	182.9	185.7	188.5	191.4	194.2	202.6	211.1	219.0	227.5	250.9
27.5°	162.3	159.9	164.2	168.4	172.6	176.8	182.9	189.5	195.6	201.7	217.6
30°	155.2	152.9	158.1	163.2	168.4	173.5	179.6	185.7	191.4	197.5	208.2
32.5°	164.6	165.1	167.0	168.8	170.3	172.1	174.9	178.2	181.0	183.9	193.2
35°	130.9	130.9	134.1	137.4	140.2	143.5	148.7	153.8	159.0	164.2	174.0
37.5°	127.1	128.0	130.9	134.1	137.0	139.8	146.3	153.4	159.9	166.5	174.5
40°	123.4	124.3	128.0	131.8	135.5	139.3	145.9	152.0	158.5	164.6	172.1
42.5°	121.9	122.9	127.6	132.7	137.4	142.1	147.7	153.4	158.5	164.2	174.5
45°	120.1	121.9	127.6	133.7	139.3	144.9	150.1	155.2	160.4	165.6	178.2
47.5°	117.3	119.6	126.2	132.3	138.8	144.9	154.8	165.1	174.9	184.8	190.9
50°	115.4	117.7	124.8	131.8	138.8	145.9	161.8	177.8	193.2	209.2	205.9
52.5°	110.7	113.5	122.4	131.3	140.2	149.1	163.2	177.3	191.4	205.4	198.9
55°	101.8	104.1	114.4	124.8	134.6	144.9	155.2	165.6	175.4	185.7	178.2
57.5°	92.9	95.7	105.5	115.4	124.8	134.6	139.8	144.9	150.1	155.2	152.4
60°	84.4	87.2	100.4	113.5	126.6	139.8	135.1	130.4	125.2	120.5	123.8
62.5°	76.5	79.3	91.9	104.1	116.8	129.0	122.4	115.8	109.3	102.7	107.9
65°	67.5	70.4	75.0	80.2	84.9	89.6	89.1	88.2	87.7	86.8	92.4
67.5°	58.2	60.5	62.8	65.7	68.0	70.4	71.8	73.6	75.0	76.5	81.1
70°	50.7	53.0	55.8	58.2	61.0	63.3	64.3	65.2	65.7	66.6	70.8
72.5°	42.2	44.1	47.8	51.6	54.9	58.6	59.1	59.1	59.6	59.6	62.8
75°	36.6	38.0	40.8	43.6	46.0	48.8	50.2	51.6	52.5	53.9	55.8
77.5°	32.4	34.2	35.2	35.6	36.6	37.1	38.0	38.9	39.9	40.8	41.3
80°	23.9	26.3	27.2	27.7	28.6	29.1	29.1	28.6	28.6	28.1	28.6
82.5°	7.5	8.4	9.8	11.3	12.7	14.1	14.5	15.0	15.0	15.5	15.0
85°	1.4	1.9	2.8	3.8	4.2	5.2	4.7	3.8	3.3	2.3	1.9
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: P367535  
 CATALOG NUMBER: MSA-SA2D-727-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: P367535  
 CATALOG NUMBER: MSA-SA2D-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5
2.5°	1083.9	1097.5	1111.6	1106.0	1100.3	1094.7	1089.1	1090.0	1091.4	1092.4	1093.3
5°	1064.7	1063.7	1063.3	1079.2	1095.6	1111.6	1127.5	1144.9	1162.7	1180.1	1197.4
7.5°	930.5	928.7	927.3	947.9	968.5	989.2	1009.8	1033.7	1058.1	1082.0	1106.0
10°	835.8	839.5	843.3	851.7	860.7	869.1	877.5	900.5	923.5	946.0	969.0
12.5°	869.1	895.4	922.1	927.3	931.9	937.1	941.8	945.1	948.4	951.6	954.9
15°	786.5	818.9	851.3	864.9	878.0	891.6	904.7	939.5	973.7	1008.4	1042.6
17.5°	655.2	689.0	723.2	764.0	804.8	845.6	886.5	924.0	961.5	999.0	1036.5
20°	501.4	546.4	591.4	643.0	695.1	746.7	798.3	835.8	872.8	910.4	947.4
22.5°	360.2	396.8	433.4	495.8	557.7	620.0	682.0	747.2	812.8	878.0	943.2
25°	274.4	297.4	320.8	382.3	443.7	504.7	566.1	655.7	745.3	834.9	924.4
27.5°	233.1	249.1	264.5	319.9	375.2	430.1	485.4	591.9	698.4	804.8	911.3
30°	219.5	230.3	241.1	288.0	335.4	382.3	429.2	537.0	644.9	752.8	860.7
32.5°	202.6	211.5	220.9	262.2	303.5	344.3	385.5	491.1	596.6	701.7	807.2
35°	183.4	193.2	202.6	243.9	285.2	326.0	367.2	476.5	585.8	695.1	804.4
37.5°	182.0	190.0	197.5	245.3	293.6	341.4	389.3	498.6	607.9	716.7	825.9
40°	180.1	187.6	195.1	243.9	292.2	341.0	389.3	503.7	618.2	732.6	847.1
42.5°	184.8	194.6	205.0	248.1	291.3	333.9	377.1	497.6	618.2	738.2	858.8
45°	191.4	204.0	216.7	256.1	295.5	334.9	374.3	505.1	636.0	766.4	897.2
47.5°	197.5	203.6	209.7	247.2	284.2	321.7	358.8	492.5	626.1	759.8	893.5
50°	203.1	199.8	196.5	237.8	279.1	319.9	361.1	488.7	615.8	743.4	870.5
52.5°	191.8	185.3	178.2	222.3	266.4	310.0	354.1	482.6	611.1	739.6	868.2
55°	170.7	163.2	155.7	199.3	242.5	286.1	329.3	457.3	585.3	713.4	841.4
57.5°	149.1	146.3	143.1	176.4	209.7	242.5	275.8	417.9	560.5	702.6	844.7
60°	127.1	129.9	133.2	157.1	181.0	204.5	228.4	367.7	506.5	645.8	784.7
62.5°	112.6	117.7	122.4	142.6	163.2	183.4	203.6	334.9	466.2	597.5	728.9
65°	98.5	104.1	109.8	133.7	158.1	182.0	205.9	317.1	428.2	539.4	650.5
67.5°	85.8	90.1	94.7	126.2	157.6	189.0	220.4	311.4	402.0	492.9	583.5
70°	75.0	78.8	83.0	119.6	156.2	192.8	229.4	306.7	384.6	462.0	539.4
72.5°	66.1	69.4	72.7	109.8	146.8	183.9	220.9	289.9	358.3	427.3	495.8
75°	57.7	59.1	61.0	92.4	123.4	154.8	185.7	231.7	278.1	324.1	370.1
77.5°	41.7	41.7	42.2	51.6	60.5	69.9	78.8	107.4	136.0	164.2	192.8
80°	28.6	29.1	29.1	32.8	36.1	39.9	43.2	49.2	54.9	61.0	66.6
82.5°	14.5	13.6	13.1	16.9	20.6	24.4	28.1	29.5	30.5	31.9	32.8
85°	1.4	0.5	0.0	2.3	4.7	7.0	9.4	11.3	13.1	15.0	16.9
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: P367535  
 CATALOG NUMBER: MSA-SA2D-727-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: P367535

CATALOG NUMBER: MSA-SA2D-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5
2.5°	1089.5	1085.8	1082.0	1078.3	1101.3	1124.7	1147.7	1170.7	1235.9	1278.6	1273.9
5°	1214.3	1231.2	1248.1	1265.0	1292.2	1319.8	1347.0	1374.2	1470.9	1529.9	1538.4
7.5°	1132.2	1158.0	1184.3	1210.1	1262.6	1314.7	1367.2	1419.3	1498.5	1560.0	1594.7
10°	998.5	1028.1	1057.2	1086.7	1145.8	1205.4	1264.5	1323.6	1412.7	1497.6	1541.2
12.5°	1001.4	1047.8	1094.2	1140.7	1192.3	1243.8	1295.0	1346.6	1401.0	1429.6	1491.0
15°	1079.2	1115.8	1152.4	1189.0	1256.5	1324.0	1391.1	1458.7	1491.0	1560.0	1631.7
17.5°	1107.8	1179.6	1250.9	1322.2	1406.6	1490.6	1575.0	1658.9	1719.9	1815.6	1889.7
20°	1054.8	1162.2	1269.2	1376.6	1492.4	1608.3	1724.1	1840.0	1906.6	1997.6	2112.0
22.5°	1057.2	1171.1	1284.7	1398.6	1558.6	1718.0	1878.0	2037.4	2216.1	2391.5	2447.4
25°	1073.6	1222.7	1371.4	1520.6	1705.4	1890.2	2075.0	2259.7	2475.5	2659.8	2733.9
27.5°	1079.2	1247.1	1414.6	1582.5	1845.1	2107.8	2370.4	2633.1	2890.6	3098.8	3178.1
30°	1065.6	1271.0	1476.0	1681.0	2003.2	2325.4	2647.6	2969.8	3214.2	3456.7	3555.2
32.5°	1068.9	1330.6	1592.3	1854.0	2233.5	2613.4	2992.8	3372.3	3528.5	3747.0	3920.6
35°	1091.4	1378.5	1665.0	1952.1	2371.8	2791.6	3211.4	3631.2	3887.3	4118.0	4265.3
37.5°	1143.9	1461.9	1779.5	2097.5	2613.4	3129.8	3645.7	4161.6	4558.0	4954.3	5021.8
40°	1182.9	1518.7	1854.5	2190.3	2789.3	3388.2	3987.2	4586.1	5034.5	5464.6	5510.5
42.5°	1227.0	1594.7	1962.9	2330.6	3000.3	3670.1	4339.9	5009.6	5528.8	5967.4	5997.9
45°	1275.3	1653.8	2031.8	2409.8	3111.5	3812.7	4514.3	5215.5	5822.0	6331.3	6216.4
47.5°	1298.3	1703.0	2107.8	2512.6	3264.9	4016.7	4769.0	5520.9	6064.9	6514.2	6380.1
50°	1316.1	1761.2	2206.7	2651.9	3440.7	4229.6	5018.5	5807.4	6352.9	6767.5	6557.4
52.5°	1366.3	1863.9	2362.0	2859.6	3698.7	4537.3	5376.4	6215.0	6742.7	7123.5	6829.0
55°	1415.0	1988.2	2561.8	3134.9	4037.3	4940.2	5842.6	6745.0	7270.3	7596.7	7196.7
57.5°	1476.5	2108.7	2740.5	3372.3	4337.5	5302.8	6267.5	7232.8	7746.4	8107.0	7691.5
60°	1460.5	2135.9	2811.8	3487.2	4470.2	5453.3	6436.4	7419.5	8029.7	8472.9	8191.0
62.5°	1398.6	2068.4	2737.7	3407.4	4373.2	5338.4	6304.1	7269.4	8000.6	8600.9	8506.2
65°	1273.4	1895.8	2518.6	3141.0	4063.1	4985.7	5907.8	6829.9	7732.3	8496.3	8530.1
67.5°	1108.8	1634.1	2158.9	2684.2	3544.4	4404.6	5264.3	6124.5	7189.6	8080.8	8181.2
70°	934.3	1328.7	1723.7	2118.1	2875.1	3632.1	4388.6	5145.6	6253.0	7149.8	7339.3
72.5°	749.0	1002.8	1256.0	1509.3	2055.7	2601.7	3148.1	3694.0	4668.2	5364.2	5694.9
75°	485.4	600.8	716.2	831.6	1195.5	1559.0	1923.0	2286.5	2933.3	3445.9	3819.7
77.5°	216.2	239.7	262.7	286.1	567.0	848.0	1128.9	1409.9	1690.8	2000.4	2088.1
80°	77.4	87.7	98.5	108.8	246.7	385.1	523.0	660.9	796.9	956.8	995.7
82.5°	32.4	32.4	31.9	31.4	80.7	129.9	179.2	228.4	264.1	303.5	311.0
85°	13.1	9.8	6.1	2.3	10.3	18.8	26.7	34.7	55.8	50.7	93.8
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: P367535  
 CATALOG NUMBER: MSA-SA2D-727-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: P367535

CATALOG NUMBER: MSA-SA2D-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5
2.5°	1256.0	1255.1	1254.2	1253.2	1252.3	1235.4	1219.0	1202.1	1185.7	1206.3	1227.0
5°	1524.8	1549.2	1573.6	1598.4	1622.8	1629.9	1636.9	1643.9	1651.0	1666.0	1681.0
7.5°	1623.8	1665.0	1705.8	1747.1	1787.9	1825.9	1863.4	1901.4	1939.4	1930.0	1920.6
10°	1589.5	1664.1	1738.7	1813.7	1888.3	1904.7	1921.1	1938.0	1954.4	1997.1	2039.8
12.5°	1552.5	1642.0	1731.6	1821.2	1910.8	1960.5	2009.8	2059.5	2109.2	2152.3	2195.5
15°	1728.3	1785.6	1842.8	1900.5	1957.7	2001.3	2044.5	2088.1	2131.2	2161.3	2190.8
17.5°	1959.6	1987.7	2015.9	2044.5	2072.6	2106.8	2141.1	2175.3	2209.6	2227.4	2245.2
20°	2203.9	2216.1	2228.3	2240.5	2252.7	2225.5	2198.3	2171.1	2143.9	2160.8	2177.2
22.5°	2449.2	2453.5	2458.1	2462.4	2466.6	2403.3	2340.0	2276.6	2213.3	2186.6	2159.8
25°	2826.8	2795.8	2764.9	2733.9	2703.0	2627.9	2552.9	2477.8	2402.8	2336.7	2270.5
27.5°	3235.8	3130.7	3026.1	2921.1	2816.5	2741.4	2666.4	2591.3	2516.3	2416.9	2317.4
30°	3648.1	3478.7	3309.9	3140.6	2971.7	2882.6	2793.5	2703.9	2614.8	2515.4	2416.4
32.5°	4026.1	3822.5	3619.0	3414.9	3211.4	3061.3	2911.2	2761.1	2611.0	2541.6	2472.2
35°	4339.4	4098.8	3858.2	3617.1	3376.5	3227.8	3079.1	2930.4	2781.8	2678.6	2575.9
37.5°	4875.0	4604.4	4333.8	4063.1	3792.5	3589.4	3386.8	3183.7	2980.6	2911.7	2842.7
40°	5368.9	5027.9	4686.9	4346.0	4005.0	3834.7	3664.9	3494.7	3324.9	3211.9	3099.3
42.5°	5761.5	5402.2	5043.4	4684.1	4324.9	4156.5	3988.6	3820.2	3651.8	3576.3	3501.2
45°	5846.4	5507.7	5169.6	4830.9	4492.3	4394.3	4296.7	4198.7	4101.1	4049.1	3997.5
47.5°	6013.8	5646.6	5279.8	4912.5	4545.3	4501.2	4457.1	4412.6	4368.5	4393.3	4418.2
50°	6107.6	5732.9	5358.1	4983.4	4608.6	4621.3	4633.5	4646.1	4658.8	4835.1	5011.0
52.5°	6289.6	5911.1	5532.6	5154.1	4775.6	4855.3	4934.6	5014.3	5093.6	5336.5	5579.0
55°	6614.6	6242.7	5870.7	5498.3	5126.4	5231.5	5336.5	5442.1	5547.1	5805.1	6062.6
57.5°	7096.3	6727.2	6358.5	5989.4	5620.8	5725.4	5829.9	5934.5	6039.1	6272.2	6504.9
60°	7702.7	7323.8	6945.3	6566.3	6187.8	6227.2	6266.1	6305.5	6344.9	6595.4	6845.4
62.5°	8175.1	7826.6	7478.6	7130.1	6782.1	6738.4	6695.3	6651.7	6608.5	6798.9	6988.9
65°	8284.8	8039.5	7794.7	7549.4	7304.1	7169.9	7036.3	6902.1	6768.0	6844.9	6921.8
67.5°	7970.6	7805.0	7639.9	7474.3	7308.8	7028.8	6748.8	6468.3	6188.3	6147.5	6106.7
70°	7241.2	7150.7	7060.7	6970.1	6880.1	6448.6	6017.6	5586.1	5155.0	5051.4	4947.7
72.5°	5714.1	5770.4	5826.7	5883.4	5939.7	5477.7	5016.2	4554.2	4092.2	3960.9	3830.0
75°	4029.4	4220.3	4411.2	4602.0	4792.9	4371.8	3951.0	3529.9	3108.7	2982.5	2856.8
77.5°	2184.7	2542.6	2900.4	3258.3	3616.2	3268.6	2921.5	2574.0	2226.4	2138.7	2051.5
80°	1035.6	1242.0	1447.9	1654.2	1860.6	1782.3	1704.0	1625.2	1546.8	1566.1	1585.3
82.5°	317.5	466.7	615.8	765.0	914.1	925.8	937.1	948.8	960.6	989.6	1018.2
85°	106.5	145.9	185.3	224.7	264.1	333.5	402.9	472.8	542.2	497.2	452.6
87.5°	0.0	1.4	2.3	3.8	4.7	14.5	24.4	34.2	44.1	38.0	32.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367535  
 CATALOG NUMBER: MSA-SA2D-727-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: P367535

CATALOG NUMBER: MSA-SA2D-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5
2.5°	1248.1	1268.7	1269.2	1270.1	1270.6	1271.0	1273.4	1275.7	1278.6	1280.9	1265.4
5°	1696.5	1711.5	1683.8	1656.1	1628.0	1600.3	1625.2	1650.0	1674.9	1699.7	1688.9
7.5°	1910.8	1901.4	1898.1	1895.3	1892.0	1889.2	1898.6	1908.0	1917.4	1926.7	1925.8
10°	2082.5	2125.1	2135.5	2145.8	2156.6	2166.9	2145.3	2123.7	2102.2	2080.6	2071.7
12.5°	2238.6	2281.8	2316.0	2350.3	2385.0	2419.2	2388.3	2357.8	2326.8	2296.3	2267.3
15°	2220.8	2250.4	2278.5	2306.7	2334.8	2362.9	2352.6	2342.8	2332.4	2322.1	2317.4
17.5°	2263.5	2281.3	2274.8	2268.2	2261.2	2254.6	2251.3	2248.5	2245.2	2241.9	2230.7
20°	2194.1	2211.0	2206.7	2203.0	2198.8	2194.6	2191.7	2188.9	2186.1	2183.3	2174.4
22.5°	2133.1	2106.4	2099.3	2092.8	2085.7	2079.2	2080.1	2081.1	2081.5	2082.5	2122.8
25°	2204.4	2138.3	2112.5	2086.7	2060.4	2034.6	2046.3	2057.6	2069.3	2081.1	2139.2
27.5°	2217.5	2118.1	2076.8	2035.6	1994.3	1953.0	1995.2	2037.4	2079.6	2121.9	2216.1
30°	2317.0	2218.0	2160.3	2103.1	2045.4	1988.2	2042.1	2096.1	2150.0	2203.9	2306.2
32.5°	2402.3	2332.9	2291.6	2250.4	2209.1	2167.8	2170.2	2172.0	2174.4	2176.7	2320.7
35°	2472.7	2370.0	2332.4	2295.4	2257.9	2220.8	2276.6	2332.4	2388.3	2444.1	2573.5
37.5°	2773.8	2704.8	2635.9	2567.4	2498.5	2430.0	2474.6	2519.1	2564.1	2608.7	2751.8
40°	2986.3	2873.7	2855.9	2838.5	2820.7	2803.3	2826.3	2848.8	2871.8	2894.8	3020.0
42.5°	3425.7	3350.2	3301.9	3254.1	3205.8	3157.9	3176.2	3194.5	3213.3	3231.6	3350.2
45°	3945.4	3893.4	3861.5	3829.6	3797.2	3765.3	3737.6	3710.4	3682.8	3655.6	3776.1
47.5°	4443.0	4467.9	4538.3	4608.1	4678.5	4748.4	4691.2	4633.9	4576.2	4519.0	4519.5
50°	5187.4	5363.3	5398.9	5434.1	5469.7	5504.9	5383.0	5261.0	5138.6	5016.7	5002.1
52.5°	5822.0	6064.5	6077.1	6089.8	6102.9	6115.6	6066.3	6017.1	5967.4	5918.1	5787.3
55°	6320.5	6578.0	6595.4	6612.3	6629.6	6646.5	6603.4	6560.7	6517.5	6474.4	6342.1
57.5°	6738.0	6970.6	6980.9	6990.8	7001.1	7011.4	7014.7	7018.0	7021.7	7025.0	6846.3
60°	7095.8	7346.3	7325.7	7305.5	7284.9	7264.7	7233.7	7202.8	7171.8	7140.9	7025.5
62.5°	7179.3	7369.7	7337.8	7306.4	7274.5	7243.1	7216.8	7191.0	7164.8	7138.5	7064.9
65°	6998.7	7075.7	7042.8	7010.0	6976.7	6943.9	6927.0	6910.6	6893.7	6876.8	6867.4
67.5°	6065.4	6024.6	6063.5	6102.4	6141.4	6180.3	6233.3	6286.3	6339.8	6392.8	6361.8
70°	4843.6	4739.9	4783.1	4825.8	4868.9	4911.6	4991.8	5072.0	5152.7	5232.9	5211.3
72.5°	3698.7	3567.4	3573.5	3579.6	3586.1	3592.2	3589.9	3588.0	3585.7	3583.3	3620.9
75°	2730.6	2604.5	2544.9	2485.3	2425.8	2366.2	2351.7	2337.1	2322.6	2308.1	2377.9
77.5°	1963.8	1876.6	1835.8	1795.4	1754.6	1714.3	1734.9	1755.5	1776.7	1797.3	1821.7
80°	1605.0	1624.2	1592.8	1561.8	1530.4	1499.0	1522.4	1545.4	1568.9	1592.3	1519.6
82.5°	1047.3	1075.9	979.3	882.7	786.1	689.5	748.1	806.7	865.8	924.4	894.4
85°	407.6	363.0	309.6	256.6	203.1	149.6	194.6	239.7	284.7	329.7	359.7
87.5°	26.3	20.6	16.4	12.2	7.5	3.3	7.0	10.8	15.0	18.8	31.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367535  
 CATALOG NUMBER: MSA-SA2D-727-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: P367535

CATALOG NUMBER: MSA-SA2D-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5	991.5
2.5°	1250.4	1234.9	1219.9	1190.4	1160.8	1131.3	1101.7	1143.0	1184.3	1225.6	1266.8
5°	1678.6	1667.8	1657.5	1660.3	1663.2	1666.4	1669.2	1675.3	1681.4	1687.1	1693.2
7.5°	1925.3	1924.4	1923.5	1901.9	1880.3	1858.3	1836.7	1847.5	1858.3	1869.1	1879.8
10°	2063.2	2054.3	2045.4	1998.0	1950.7	1902.8	1855.5	1834.8	1813.7	1793.1	1772.4
12.5°	2238.2	2208.6	2179.5	2128.9	2078.7	2028.1	1977.4	1958.6	1939.4	1920.6	1901.4
15°	2313.2	2308.5	2304.3	2268.2	2231.6	2195.5	2158.9	2094.7	2029.9	1965.7	1901.4
17.5°	2219.4	2207.7	2196.4	2253.7	2310.4	2367.6	2424.8	2358.2	2291.6	2225.0	2158.4
20°	2165.5	2156.6	2147.7	2254.1	2360.1	2466.6	2572.6	2543.0	2513.0	2483.5	2453.9
22.5°	2163.1	2203.9	2244.3	2337.6	2430.5	2523.8	2616.7	2667.8	2719.4	2770.5	2821.6
25°	2197.4	2256.0	2314.2	2468.9	2623.7	2779.0	2933.7	2992.4	3050.5	3109.1	3167.3
27.5°	2309.9	2404.2	2498.0	2633.1	2768.2	2903.7	3038.8	3166.8	3295.3	3423.4	3551.4
30°	2408.0	2510.2	2612.5	2773.3	2933.7	3094.6	3255.0	3415.4	3575.8	3736.2	3896.6
32.5°	2464.7	2609.2	2753.2	2948.7	3143.9	3339.4	3535.0	3710.9	3886.8	4062.2	4238.1
35°	2703.0	2832.9	2962.3	3178.6	3394.8	3611.5	3827.7	4045.3	4262.9	4480.1	4697.7
37.5°	2894.8	3038.3	3181.4	3417.8	3653.7	3890.1	4126.5	4427.1	4728.2	5028.9	5329.5
40°	3145.3	3270.5	3395.7	3617.1	3838.0	4059.4	4280.8	4662.1	5043.4	5424.2	5805.6
42.5°	3468.4	3587.1	3705.7	3942.6	4179.5	4416.3	4653.2	5075.3	5497.4	5919.1	6341.2
45°	3896.6	4017.6	4138.2	4326.7	4515.3	4703.8	4892.4	5341.2	5789.6	6238.5	6686.8
47.5°	4520.0	4520.4	4520.9	4656.9	4792.9	4929.4	5065.4	5517.6	5969.2	6421.4	6873.0
50°	4987.6	4972.6	4958.0	5028.4	5098.3	5168.6	5239.0	5655.0	6071.5	6487.5	6903.5
52.5°	5656.9	5526.0	5395.6	5437.4	5478.6	5520.4	5561.7	5913.9	6266.6	6618.8	6971.1
55°	6210.3	6078.1	5945.8	5930.3	5914.8	5899.4	5883.9	6208.0	6532.1	6856.2	7180.3
57.5°	6668.1	6489.4	6311.2	6275.5	6240.3	6204.7	6169.0	6511.0	6852.4	7194.3	7535.8
60°	6910.6	6795.2	6679.8	6656.8	6633.4	6610.4	6586.9	6867.4	7147.9	7428.4	7708.8
62.5°	6991.7	6918.1	6844.9	6888.1	6931.2	6974.8	7018.0	7141.3	7264.2	7387.6	7510.4
65°	6858.5	6849.1	6839.7	6928.4	7016.6	7105.2	7193.9	7163.4	7132.4	7101.9	7071.4
67.5°	6331.3	6300.4	6269.9	6464.5	6658.7	6853.3	7048.0	6900.3	6752.0	6604.3	6456.6
70°	5189.7	5167.7	5146.1	5426.6	5707.1	5988.0	6268.5	6089.3	5910.1	5731.0	5551.8
72.5°	3657.9	3695.4	3732.9	4063.6	4393.8	4724.5	5054.7	4874.1	4693.5	4512.9	4332.4
75°	2447.4	2517.2	2587.1	2927.6	3268.1	3609.1	3949.6	3737.6	3525.6	3313.6	3101.6
77.5°	1846.1	1870.5	1894.8	2110.1	2325.4	2541.2	2756.4	2581.5	2406.1	2231.1	2055.7
80°	1446.9	1373.8	1301.1	1371.9	1442.7	1513.5	1584.4	1479.8	1375.2	1271.0	1166.5
82.5°	864.4	834.4	804.4	842.8	880.8	919.3	957.7	912.7	867.2	822.2	776.7
85°	389.3	419.3	448.9	487.8	526.2	565.2	604.1	541.3	478.4	415.6	352.7
87.5°	43.6	56.3	68.9	85.4	101.8	118.2	134.6	105.1	75.0	45.5	15.9
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):**

	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°	991.5	991.5
2.5°	1290.7	1314.7
5°	1692.7	1691.8
7.5°	1851.7	1823.1
10°	1746.2	1719.9
12.5°	1834.3	1767.3
15°	1850.8	1800.1
17.5°	2075.9	1992.9
20°	2347.5	2240.5
22.5°	2675.3	2528.5
25°	2992.8	2818.4
27.5°	3446.8	3341.8
30°	3790.6	3684.2
32.5°	4165.9	4093.6
35°	4626.0	4553.7
37.5°	5348.3	5366.5
40°	5816.8	5828.1
42.5°	6384.8	6428.4
45°	6735.6	6784.4
47.5°	6941.1	7009.1
50°	7013.3	7123.0
52.5°	7106.6	7241.7
55°	7330.8	7481.4
57.5°	7655.8	7775.9
60°	7714.5	7720.1
62.5°	7423.7	7336.9
65°	6979.0	6886.7
67.5°	6400.7	6344.5
70°	5477.7	5403.6
72.5°	4194.5	4056.6
75°	2930.9	2760.2
77.5°	1966.1	1876.6
80°	1169.3	1171.6
82.5°	798.3	819.4
85°	348.5	343.8
87.5°	11.3	6.1
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: P367535  
CATALOG NUMBER: MSA-SA2D-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

(END OF REPORT)