

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: P367557

Luminaire Tested: **MSA-SA2D-730-U-SLR-HSS**

Issue Date: 12/2/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P367557  
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-730-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: 8960 lumens  
Efficiency: N/A  
Efficacy: 69.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2

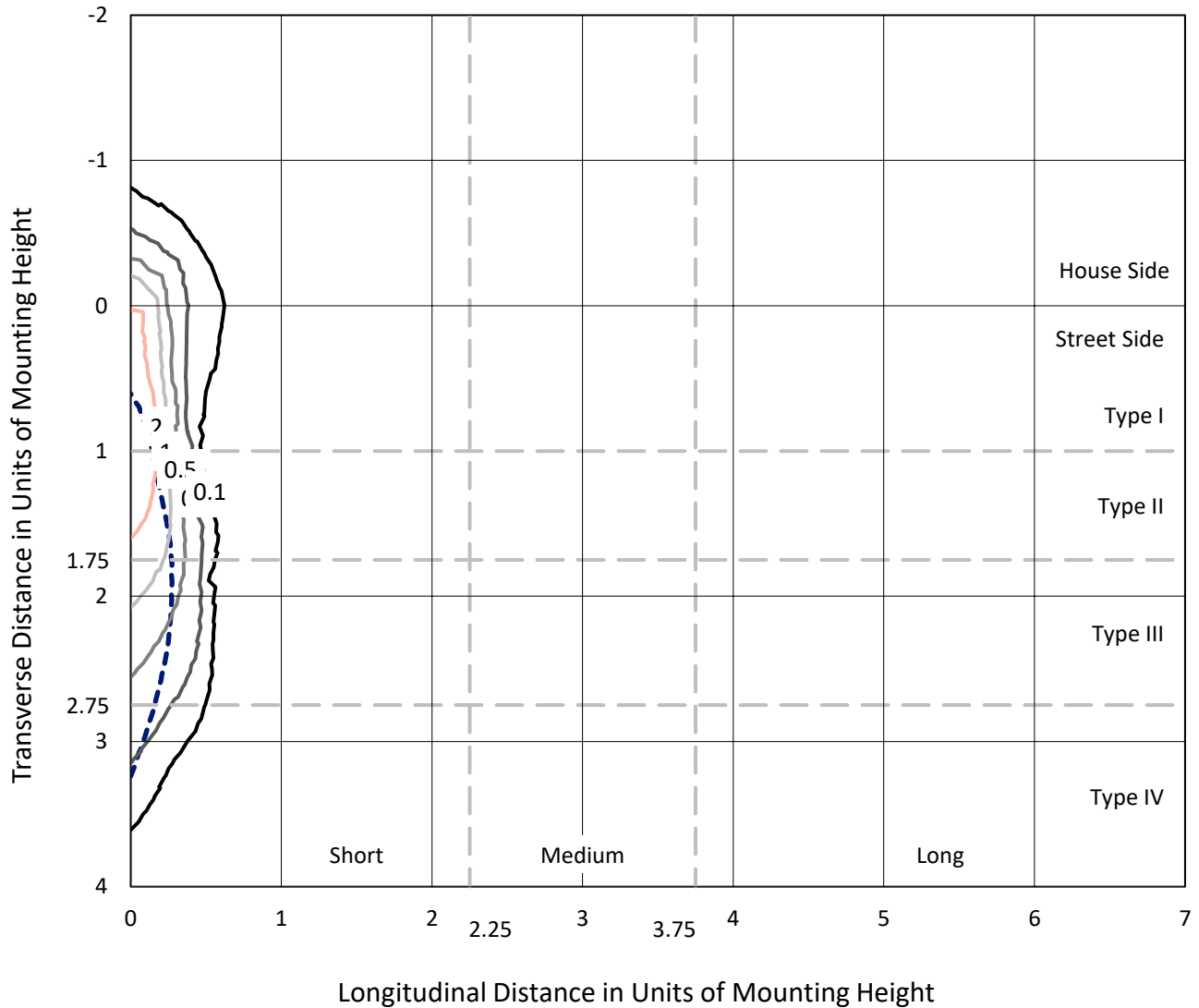
Input Watts (W): 129  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

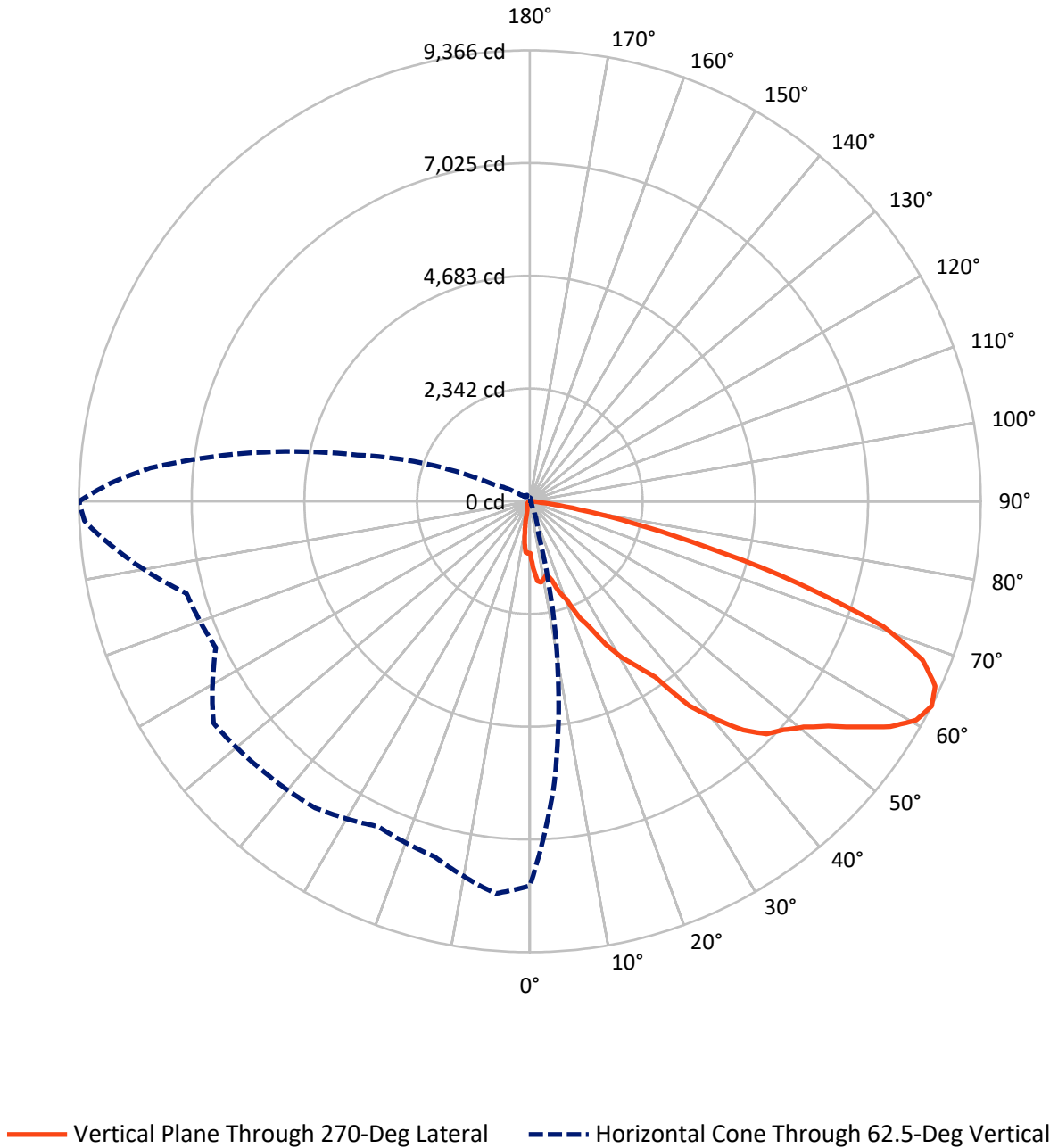
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.6 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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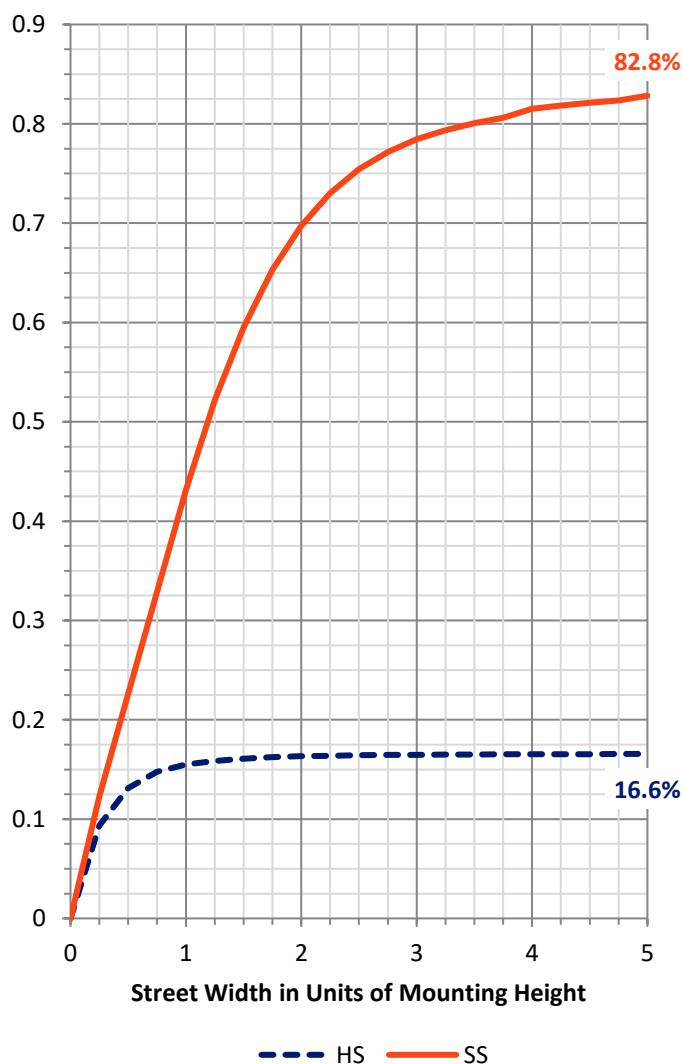
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1496.2	0.0	1496.2
	% Fixture	16.7	0.0	16.7
<b>Street Side</b>	Lumens	7463.8	0.0	7463.8
	% Fixture	83.3	0.0	83.3
<b>Total</b>	Lumens	8960.0	0.0	8960.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	120.6	1.3
10°-20°	315.1	3.5
20°-30°	509.3	5.7
30°-40°	853.1	9.5
40°-50°	1394.6	15.6
50°-60°	2064.4	23.0
60°-70°	2370.0	26.5
70°-80°	1171.8	13.1
80°-90°	160.9	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°	8960.0	100.0
0°-180°	8960.0	100.0

**Coefficient of Utilization**

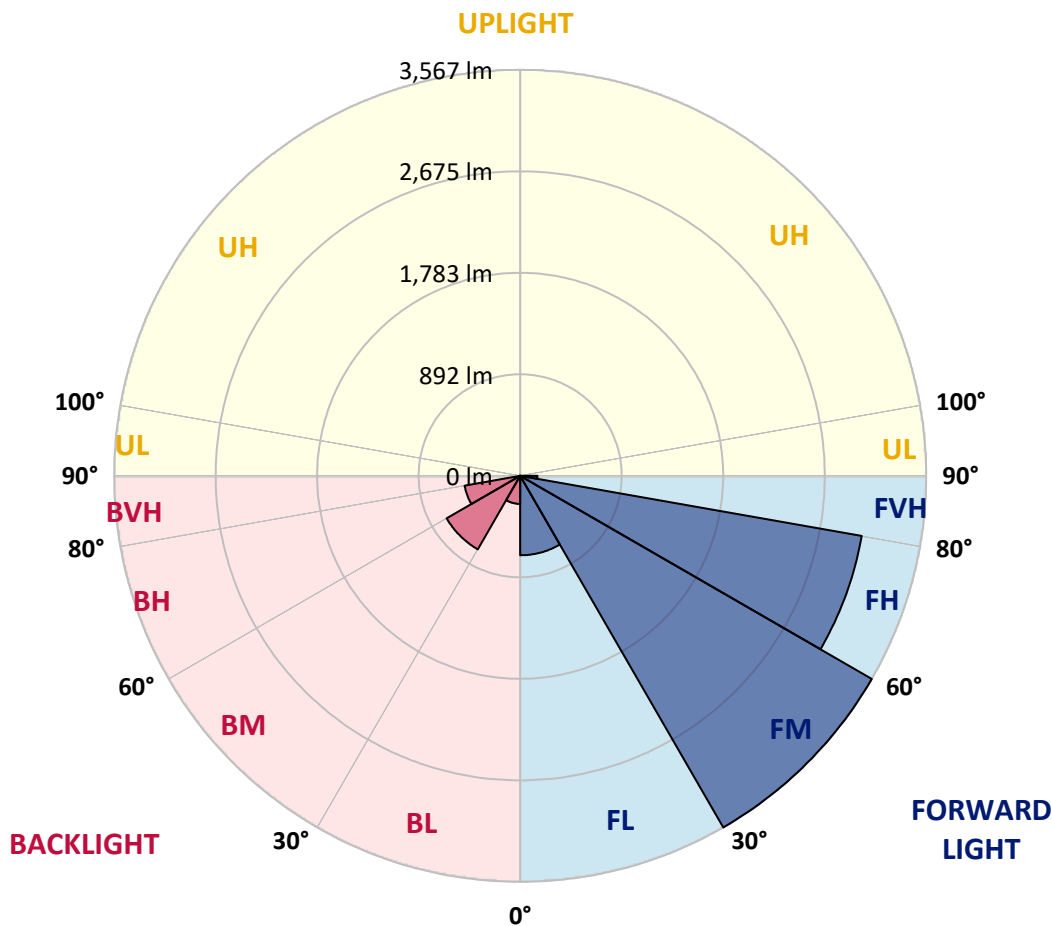


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	698.0	7.8			
FM (30°-60°)	3566.5	39.8			
FH (60°-80°)	3046.8	34.0			G2/5000
FVH (80°-90°)	152.4	1.7			G2/225
BL (0°-30°)	247.1	2.8	B1/500		
BM (30°-60°)	745.6	8.3	B1/1000		
BH (60°-80°)	495.0	5.5	B1/500		G1/500
BVH (80°-90°)	8.6	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°	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7
2.5°	1431.6	1449.5	1466.9	1433.7	1400.5	1367.3	1334.1	1304.5	1274.8	1244.7	1215.1
5°	1842.3	1809.6	1776.9	1731.9	1687.0	1642.1	1597.1	1576.2	1555.2	1534.3	1513.3
7.5°	1985.3	1927.1	1868.3	1828.5	1789.2	1749.3	1709.5	1646.7	1583.3	1520.5	1457.2
10°	1872.9	1811.1	1748.8	1714.1	1679.3	1644.6	1609.9	1531.7	1453.1	1374.9	1296.3
12.5°	1924.5	1857.6	1790.7	1719.2	1647.7	1576.2	1504.7	1444.9	1384.6	1324.9	1264.6
15°	1960.3	1883.6	1806.5	1724.8	1643.1	1561.4	1479.6	1409.2	1339.2	1268.7	1198.2
17.5°	2170.2	2060.4	1950.5	1824.9	1699.3	1573.6	1448.0	1366.3	1285.0	1203.3	1121.6
20°	2439.8	2284.1	2127.8	1957.7	1787.6	1617.5	1447.5	1345.8	1244.2	1142.5	1040.9
22.5°	2753.4	2558.8	2363.7	2153.8	1944.4	1734.5	1524.6	1378.5	1232.4	1086.4	940.3
25°	3069.1	2893.4	2717.7	2435.2	2152.8	1869.8	1587.4	1402.0	1216.1	1030.7	844.8
27.5°	3639.1	3325.0	3010.9	2651.3	2292.2	1932.7	1573.1	1360.6	1148.2	935.2	722.7
30°	4011.9	3770.3	3528.2	3053.3	2578.8	2103.8	1628.8	1359.6	1090.4	820.8	551.6
32.5°	4457.8	4104.4	3750.4	3235.1	2719.7	2204.4	1689.0	1372.9	1056.2	740.1	423.4
35°	4958.9	4574.3	4189.7	3536.9	2884.2	2230.9	1578.2	1271.8	965.3	658.9	352.4
37.5°	5844.0	5200.4	4556.9	3795.9	3034.4	2273.3	1511.8	1205.9	899.4	593.5	287.0
40°	6346.6	5732.1	5117.7	4166.7	3215.7	2264.7	1313.6	1041.9	770.7	499.0	227.3
42.5°	7000.3	6220.9	5441.0	4378.1	3315.3	2252.4	1189.5	938.2	687.0	435.2	183.9
45°	7388.0	6504.9	5621.8	4470.1	3318.3	2166.6	1014.9	797.3	579.7	362.1	144.5
47.5°	7632.6	6747.0	5861.3	4624.8	3388.8	2152.3	915.8	715.6	515.3	315.1	114.9
50°	7756.7	6868.5	5979.8	4709.1	3438.4	2167.1	896.4	697.2	497.5	298.3	98.6
52.5°	7886.0	7029.4	6172.4	4855.2	3538.0	2220.7	903.5	700.2	497.5	294.2	90.9
55°	8146.9	7302.2	6456.9	5064.6	3672.3	2280.0	887.7	687.5	487.3	286.5	86.3
57.5°	8467.7	7564.7	6661.2	5217.8	3774.4	2331.1	887.7	686.4	485.2	283.5	82.2
60°	8406.9	7426.8	6446.2	5045.7	3645.2	2244.2	843.8	652.2	461.2	269.7	78.1
62.5°	7989.6	6925.7	5861.3	4567.1	3272.4	1978.1	683.4	530.7	378.0	224.7	72.0
65°	7499.3	6370.1	5240.3	4049.2	2857.6	1666.6	475.0	372.8	270.2	168.0	65.4
67.5°	6908.9	5704.5	4500.2	3440.9	2382.1	1322.8	263.5	212.5	161.4	109.8	58.7
70°	5884.3	4641.2	3397.5	2583.4	1769.7	955.6	141.5	119.5	97.6	75.6	53.6
72.5°	4417.5	3278.5	2139.5	1625.2	1111.4	597.1	82.7	74.6	65.9	57.7	49.0
75°	3005.8	2152.3	1298.8	988.8	679.3	369.3	59.2	55.2	50.6	46.5	41.9
77.5°	2043.5	1478.1	912.7	696.7	480.6	264.6	48.5	46.0	43.4	40.3	37.8
80°	1275.8	873.4	470.9	362.6	253.8	145.6	36.8	35.2	33.7	31.7	30.1
82.5°	892.3	533.7	175.2	136.9	98.6	59.8	21.5	22.0	22.5	22.5	23.0
85°	374.4	202.3	30.1	25.5	20.9	16.3	11.7	12.8	14.3	15.3	16.3
87.5°	6.6	3.6	0.0	1.0	2.6	3.6	4.6	6.1	7.2	8.7	9.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	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°	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7
2.5°	1222.7	1230.4	1237.5	1245.2	1239.1	1233.5	1227.3	1221.2	1212.0	1203.3	1194.1
5°	1487.8	1462.3	1436.7	1411.2	1372.4	1333.6	1294.2	1255.4	1250.8	1246.2	1241.1
7.5°	1397.4	1337.6	1277.4	1217.6	1161.4	1105.3	1049.1	992.9	975.5	958.7	941.3
10°	1250.3	1204.3	1157.9	1111.9	1071.6	1030.7	990.3	949.5	907.1	864.7	821.8
12.5°	1216.6	1168.6	1120.1	1072.1	1035.3	998.5	961.7	925.0	877.5	830.0	782.5
15°	1146.1	1094.0	1041.9	989.8	940.8	891.8	842.2	793.2	736.0	678.8	621.6
17.5°	1059.8	998.5	936.7	874.9	810.6	746.2	681.8	617.5	551.6	486.2	420.3
20°	957.1	873.4	789.1	705.3	625.7	546.0	465.8	386.1	344.8	303.9	262.5
22.5°	832.0	723.2	614.9	506.2	440.8	374.9	309.5	243.6	225.8	207.9	190.0
25°	721.7	598.6	475.5	352.4	311.0	269.7	228.3	186.9	178.8	170.1	161.9
27.5°	606.8	491.3	375.4	259.5	236.0	212.0	188.5	164.5	158.8	153.7	148.1
30°	465.3	379.0	292.1	205.8	190.5	175.2	159.4	144.0	141.5	138.4	135.9
32.5°	360.6	297.3	234.4	171.1	162.4	153.7	145.1	136.4	132.3	128.2	123.6
35°	301.3	250.8	199.7	148.6	142.5	135.9	129.7	123.1	119.0	114.4	110.3
37.5°	249.8	213.0	175.7	138.4	131.8	125.1	118.0	111.3	108.3	105.2	102.1
40°	205.8	184.4	162.9	141.5	131.8	122.1	112.4	102.7	100.1	97.6	95.0
42.5°	170.1	156.3	142.0	128.2	121.0	114.4	107.3	100.1	96.5	92.4	88.9
45°	137.4	129.7	122.6	114.9	115.4	115.9	115.9	116.5	107.3	97.6	88.4
47.5°	111.3	107.8	103.7	100.1	104.2	108.3	111.9	115.9	106.2	96.5	86.3
50°	95.5	93.0	89.9	86.8	90.9	95.5	99.6	103.7	99.6	96.0	91.9
52.5°	87.3	83.8	80.2	76.6	78.1	80.2	81.7	83.3	83.3	83.3	83.3
55°	82.2	78.7	74.6	70.5	69.0	66.9	65.4	63.3	60.8	58.7	56.2
57.5°	78.1	74.1	69.5	65.4	62.8	59.8	57.2	54.1	51.6	48.5	46.0
60°	74.1	70.0	65.4	61.3	58.7	56.2	53.1	50.6	47.5	44.9	41.9
62.5°	68.4	64.9	61.3	57.7	55.2	53.1	50.6	48.0	44.9	41.9	38.3
65°	62.3	59.8	56.7	53.6	51.1	48.5	46.0	43.4	40.3	37.8	34.7
67.5°	56.7	54.1	52.1	49.5	46.5	43.9	40.9	37.8	35.8	33.7	31.2
70°	52.1	50.1	48.5	46.5	43.4	40.9	37.8	34.7	33.2	31.2	29.6
72.5°	47.5	46.0	43.9	42.4	39.8	37.3	34.7	32.2	30.6	29.1	27.6
75°	40.9	39.8	38.8	37.8	35.2	32.7	29.6	27.1	26.6	26.0	25.5
77.5°	36.8	36.3	35.2	34.2	31.7	29.1	26.6	24.0	24.5	25.0	25.0
80°	30.1	30.1	29.6	29.6	27.6	25.5	23.0	20.9	22.0	23.5	24.5
82.5°	23.0	23.0	23.0	23.0	20.9	18.9	16.9	14.8	16.3	17.4	18.9
85°	15.8	15.3	14.8	14.3	12.8	11.7	10.2	8.7	10.7	12.3	14.3
87.5°	9.7	10.2	10.2	10.2	9.2	7.7	6.6	5.1	6.1	6.6	7.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367557  
 CATALOG NUMBER: MSA-SA2D-730-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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7
2.5°	1184.9	1169.6	1154.3	1138.5	1123.1	1087.4	1051.6	1015.9	980.1	1006.7	1032.7
5°	1236.5	1206.9	1176.8	1147.1	1117.0	1103.7	1091.0	1077.7	1064.4	1066.4	1069.0
7.5°	923.9	904.5	885.1	865.2	845.8	841.7	838.1	834.1	830.0	838.6	846.8
10°	779.4	752.3	724.8	697.7	670.1	655.3	640.5	625.7	610.9	609.3	607.3
12.5°	735.0	693.6	652.7	611.4	570.0	537.8	505.6	473.5	441.3	443.8	446.4
15°	564.4	523.0	482.1	440.8	399.4	373.4	346.8	320.7	294.2	286.5	278.9
17.5°	354.5	323.8	293.2	262.0	231.4	222.7	214.5	205.8	197.1	194.6	192.0
20°	221.2	207.9	194.6	180.8	167.5	165.5	163.4	161.4	159.4	160.9	162.4
22.5°	172.1	166.5	160.4	154.8	148.6	146.6	144.5	142.5	140.5	142.0	143.0
25°	153.2	149.1	145.1	141.0	136.9	134.8	132.3	130.2	127.7	128.7	130.2
27.5°	142.5	138.9	135.3	131.8	128.2	124.6	121.6	118.0	114.4	116.5	118.0
30°	132.8	128.7	125.1	121.0	117.0	113.4	109.8	105.7	102.1	104.2	106.2
32.5°	119.5	115.9	111.9	108.3	104.2	102.1	100.1	97.6	95.5	97.0	98.1
35°	105.7	102.7	100.1	97.0	94.0	91.9	90.4	88.4	86.3	86.8	87.8
37.5°	99.1	95.5	91.9	88.4	84.8	83.8	82.7	81.2	80.2	80.2	80.2
40°	92.4	88.9	85.3	81.2	77.6	76.1	74.6	73.0	71.5	71.5	71.5
42.5°	84.8	81.2	77.6	74.1	70.5	69.0	66.9	65.4	63.3	63.3	63.3
45°	78.7	75.1	72.0	68.4	64.9	62.3	59.8	56.7	54.1	53.6	53.1
47.5°	76.6	71.5	66.4	61.3	56.2	53.6	51.1	48.0	45.5	44.9	44.4
50°	87.8	77.6	67.4	57.2	47.0	44.9	42.9	40.9	38.8	37.8	37.3
52.5°	83.3	72.5	61.8	51.1	40.3	38.8	37.3	35.8	34.2	33.2	32.2
55°	53.6	49.0	44.9	40.3	35.8	34.7	33.7	32.2	31.2	30.1	29.1
57.5°	42.9	40.3	38.3	35.8	33.2	32.2	31.2	29.6	28.6	27.1	26.0
60°	38.8	36.8	34.7	32.7	30.6	29.6	28.6	27.6	26.6	25.0	24.0
62.5°	35.2	33.7	32.2	30.6	29.1	28.1	27.1	26.0	25.0	23.5	22.0
65°	31.7	30.6	29.6	28.6	27.6	26.6	25.5	24.0	23.0	21.5	19.9
67.5°	29.1	28.6	28.1	27.6	27.1	26.0	24.5	23.5	22.0	20.4	18.4
70°	27.6	27.6	27.6	27.1	27.1	26.0	24.5	23.5	22.0	19.9	18.4
72.5°	26.0	26.6	27.1	27.1	27.6	26.0	24.5	23.0	21.5	19.4	17.9
75°	25.0	25.5	26.0	26.0	26.6	25.5	24.5	23.0	22.0	19.9	17.9
77.5°	25.5	26.0	26.0	26.6	26.6	25.5	24.5	23.0	22.0	19.4	16.9
80°	25.5	25.0	24.5	23.5	23.0	20.9	18.9	16.3	14.3	11.2	8.7
82.5°	19.9	18.9	18.4	17.4	16.3	14.3	12.3	10.2	8.2	6.1	4.1
85°	15.8	14.8	14.3	13.3	12.3	10.7	8.7	7.2	5.1	4.1	2.6
87.5°	8.2	7.7	6.6	6.1	5.1	4.1	2.6	1.5	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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7
2.5°	1059.3	1085.3	1081.8	1078.2	1095.0	1111.9	1099.6	1087.9	1075.6	1063.4	1037.8
5°	1071.0	1073.1	1069.5	1065.4	1065.9	1066.4	1058.3	1050.1	1041.9	1033.8	1032.2
7.5°	855.5	863.7	874.9	885.6	886.1	886.1	880.0	873.9	867.3	861.1	864.2
10°	605.7	603.7	606.8	609.8	609.3	608.3	624.6	641.0	656.8	673.2	661.4
12.5°	448.4	451.0	438.2	425.5	430.1	434.1	436.7	439.2	441.8	444.4	451.5
15°	271.2	263.5	254.4	245.2	249.8	253.8	258.4	262.5	267.1	271.2	275.8
17.5°	189.0	186.4	182.3	177.7	178.3	178.8	179.3	179.8	179.8	180.3	181.3
20°	164.0	165.5	162.4	158.8	157.8	156.3	155.3	154.2	152.7	151.7	150.2
22.5°	144.5	145.6	146.1	146.1	144.0	141.5	139.4	137.9	135.9	133.8	132.8
25°	131.3	132.3	131.3	129.7	128.7	127.7	126.7	125.1	124.1	122.6	122.1
27.5°	120.0	121.6	121.6	121.0	120.0	118.5	115.9	113.9	111.3	108.8	109.3
30°	108.3	110.3	110.3	109.8	109.3	108.8	106.2	103.7	101.1	98.6	99.6
32.5°	99.6	100.6	100.1	99.6	99.6	99.1	97.0	95.5	93.5	91.4	91.4
35°	88.4	88.9	88.9	88.9	88.9	88.4	86.8	85.3	83.8	82.2	82.7
37.5°	80.2	80.2	81.7	82.7	81.7	80.7	79.7	78.1	77.1	75.6	75.6
40°	71.0	71.0	72.5	73.5	72.5	71.5	71.0	70.0	69.5	68.4	68.4
42.5°	62.8	62.8	64.4	65.4	65.4	64.9	63.8	62.8	61.8	60.8	61.3
45°	52.6	52.1	54.7	56.7	55.7	54.7	54.7	54.1	54.1	53.6	54.1
47.5°	43.4	42.9	44.9	47.0	46.5	45.5	45.5	45.5	45.5	45.5	46.0
50°	36.3	35.2	37.3	38.8	38.3	37.3	37.3	37.8	37.8	37.8	38.3
52.5°	31.2	30.1	31.7	32.7	32.2	31.7	31.7	32.2	32.2	32.2	32.7
55°	27.6	26.6	28.1	29.1	28.6	27.6	28.1	28.1	28.6	28.6	28.6
57.5°	24.5	23.0	24.0	25.0	25.0	24.5	25.0	25.0	25.5	25.5	25.5
60°	22.5	20.9	22.0	22.5	22.5	22.0	22.5	22.5	23.0	23.0	23.0
62.5°	19.9	18.4	19.4	19.9	19.9	19.4	19.9	19.9	20.4	20.4	20.4
65°	17.9	16.3	16.9	17.4	17.4	17.4	17.9	17.9	18.4	18.4	18.4
67.5°	16.9	14.8	15.3	15.8	15.8	15.8	16.3	16.3	16.9	16.9	17.4
70°	16.3	14.3	14.8	14.8	15.3	15.3	15.3	15.8	15.8	15.8	15.8
72.5°	15.8	13.8	13.8	13.8	14.3	14.3	14.3	14.8	14.8	14.8	14.8
75°	15.8	13.8	13.3	12.8	13.3	13.3	13.3	13.8	13.8	13.8	13.8
77.5°	13.8	11.2	10.2	8.7	10.2	11.2	11.7	11.7	12.3	12.3	12.3
80°	5.6	2.6	1.5	0.0	0.5	1.0	1.5	2.0	2.6	3.1	3.6
82.5°	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.5	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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7
2.5°	1012.3	986.8	961.2	973.5	985.7	998.0	1010.3	1009.2	1007.7	1006.7	1005.2
5°	1031.2	1029.7	1028.1	1021.0	1014.3	1007.2	1000.0	998.5	996.5	994.9	992.9
7.5°	867.3	869.8	872.9	864.7	856.5	848.4	840.2	819.2	798.3	776.8	755.9
10°	649.7	637.4	625.7	624.6	623.6	622.6	621.6	619.5	617.5	614.9	612.9
12.5°	459.2	466.3	473.5	470.9	468.4	465.3	462.7	466.3	470.4	474.0	477.5
15°	279.9	284.5	288.6	297.8	307.0	316.2	325.3	328.9	333.0	336.6	340.2
17.5°	182.3	182.8	183.9	194.1	203.8	214.0	223.7	230.3	237.0	243.1	249.8
20°	148.6	147.1	145.6	151.2	156.8	162.4	168.0	174.2	180.3	186.4	192.6
22.5°	132.3	131.3	130.2	132.3	134.3	135.9	137.9	142.5	147.6	152.2	156.8
25°	121.6	120.5	120.0	121.0	122.1	123.1	124.1	126.7	129.2	131.8	134.3
27.5°	109.3	109.8	109.8	110.8	111.3	112.4	112.9	113.9	115.4	116.5	117.5
30°	100.1	101.1	101.6	102.7	103.2	104.2	104.7	104.2	103.7	103.2	102.7
32.5°	91.4	90.9	90.9	91.9	92.4	93.5	94.0	95.0	96.0	96.5	97.6
35°	82.7	83.3	83.3	83.3	83.8	83.8	83.8	84.8	86.3	87.3	88.4
37.5°	75.1	75.1	74.6	76.1	77.1	78.7	79.7	80.7	82.2	83.3	84.3
40°	68.4	68.4	68.4	69.5	70.5	71.0	72.0	74.6	77.1	79.7	82.2
42.5°	61.3	61.8	61.8	62.8	63.8	64.4	65.4	67.4	69.0	71.0	72.5
45°	54.7	55.2	55.7	56.7	57.2	58.2	58.7	59.8	60.3	61.3	61.8
47.5°	47.0	47.5	48.0	49.0	49.5	50.6	51.1	50.6	50.6	50.1	49.5
50°	39.3	39.8	40.3	41.9	42.9	44.4	45.5	44.4	43.4	41.9	40.9
52.5°	33.2	33.2	33.7	34.7	35.8	36.3	37.3	36.8	36.3	35.8	35.2
55°	28.6	28.6	28.6	29.1	29.6	30.1	30.6	31.2	31.2	31.7	31.7
57.5°	25.5	25.0	25.0	25.5	26.0	26.0	26.6	27.1	27.1	27.6	27.6
60°	23.0	22.5	22.5	23.0	23.5	24.0	24.5	24.5	24.5	24.0	24.0
62.5°	20.4	20.4	20.4	20.9	20.9	21.5	21.5	21.5	22.0	22.0	22.0
65°	18.9	18.9	18.9	18.9	18.9	18.4	18.4	18.9	18.9	19.4	19.4
67.5°	17.4	17.9	17.9	17.4	16.9	16.3	15.8	16.3	16.3	16.9	16.9
70°	15.8	15.8	15.8	15.3	14.8	14.3	13.8	13.8	13.8	13.3	13.3
72.5°	14.8	14.3	14.3	13.8	12.8	12.3	11.2	10.7	10.7	10.2	9.7
75°	13.8	13.3	13.3	12.3	11.2	10.2	9.2	8.7	7.7	7.2	6.1
77.5°	12.3	12.3	12.3	10.7	9.7	8.2	6.6	5.6	4.6	3.1	2.0
80°	4.1	4.6	5.1	4.6	4.6	4.1	3.6	2.6	2.0	1.0	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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-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: P367557

CATALOG NUMBER: MSA-SA2D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7
2.5°	1010.8	1016.4	1022.0	1027.6	1028.1	1028.6	1029.2	1029.7	1016.9	1003.6	990.9
5°	1003.1	1013.8	1024.1	1034.3	1028.6	1023.0	1017.4	1011.8	1011.3	1011.3	1010.8
7.5°	757.4	758.5	760.0	761.0	763.1	765.1	766.6	768.7	776.8	785.0	792.7
10°	606.3	599.6	592.5	585.8	580.7	575.1	570.0	564.4	568.5	573.1	577.1
12.5°	471.9	466.3	460.2	454.6	452.5	450.5	447.9	445.9	459.2	472.4	485.2
15°	339.1	338.1	336.6	335.6	342.2	348.8	355.5	362.1	373.4	384.1	395.3
17.5°	252.3	254.9	257.4	260.0	264.1	268.1	271.7	275.8	284.0	292.7	300.8
20°	195.6	199.2	202.3	205.3	204.3	203.3	201.7	200.7	207.4	214.0	220.1
22.5°	159.9	162.4	165.5	168.0	168.5	169.1	169.6	170.1	174.2	177.7	181.8
25°	136.9	139.9	142.5	145.1	145.6	146.1	146.6	147.1	152.2	157.3	161.9
27.5°	121.0	124.1	127.7	130.8	131.8	132.8	133.8	134.8	137.9	140.5	143.5
30°	106.7	110.8	114.9	119.0	120.5	122.1	123.6	125.1	128.2	131.8	134.8
32.5°	99.6	102.1	104.2	106.2	109.8	112.9	116.5	119.5	123.1	127.2	130.8
35°	91.4	94.0	97.0	99.6	102.1	104.7	106.7	109.3	111.3	113.4	114.9
37.5°	86.3	88.9	90.9	93.0	94.0	95.0	95.5	96.5	97.6	98.6	99.1
40°	82.2	81.7	81.7	81.2	82.2	83.8	84.8	85.8	88.9	91.4	94.5
42.5°	71.5	70.0	69.0	67.4	70.0	72.0	74.6	76.6	80.7	84.8	88.9
45°	60.8	59.8	58.2	57.2	60.8	64.4	67.9	71.5	76.1	80.2	84.8
47.5°	50.1	50.6	50.6	51.1	54.7	58.2	61.3	64.9	69.5	74.1	78.7
50°	41.9	42.9	43.9	44.9	48.5	51.6	55.2	58.2	63.3	67.9	73.0
52.5°	36.8	38.3	39.3	40.9	43.9	47.5	50.6	53.6	58.2	62.8	67.4
55°	33.2	35.2	36.8	38.3	40.9	43.4	46.0	48.5	53.1	57.7	61.8
57.5°	29.1	30.6	32.2	33.7	36.3	38.8	40.9	43.4	47.5	52.1	56.2
60°	25.5	26.6	28.1	29.1	31.2	33.7	35.8	37.8	41.9	46.0	49.5
62.5°	22.5	23.5	24.0	24.5	26.6	28.6	30.6	32.7	36.3	40.3	43.9
65°	19.9	20.4	20.4	20.9	22.5	24.5	26.0	27.6	31.7	35.2	39.3
67.5°	16.9	17.4	17.4	17.4	18.9	20.4	22.0	23.5	27.1	31.2	34.7
70°	13.3	13.8	13.8	13.8	15.3	17.4	18.9	20.4	23.5	26.6	29.6
72.5°	10.2	10.2	10.7	10.7	12.3	14.3	15.8	17.4	19.9	22.5	25.0
75°	6.6	7.2	7.2	7.7	9.2	11.2	12.8	14.3	16.9	19.4	21.5
77.5°	2.6	3.6	4.1	4.6	6.1	7.7	9.2	10.7	12.8	15.3	17.4
80°	0.0	0.5	0.5	0.5	1.5	2.0	3.1	3.6	5.1	7.2	8.7
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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7
2.5°	977.6	1005.7	1033.8	1061.8	1089.9	1124.7	1159.4	1164.5	1169.6	1163.5	1157.9
5°	1010.3	1024.1	1037.3	1051.1	1064.4	1104.2	1143.6	1144.1	1144.1	1144.6	1144.6
7.5°	800.9	812.6	824.3	835.6	847.3	873.4	899.4	909.1	918.3	916.3	914.2
10°	581.2	596.6	611.4	626.7	641.5	665.5	689.5	698.7	707.4	735.5	764.1
12.5°	498.5	513.3	528.1	542.4	557.2	581.7	606.3	624.1	641.5	658.9	676.2
15°	406.0	417.8	430.1	441.8	453.5	464.8	476.0	498.0	519.4	536.8	554.2
17.5°	309.0	314.1	318.7	323.8	328.4	333.5	338.6	347.8	356.5	371.8	386.6
20°	226.8	230.9	234.9	238.5	242.6	247.7	252.8	259.5	265.6	269.2	272.2
22.5°	185.4	191.5	197.7	203.3	209.4	213.0	216.6	218.6	220.6	222.2	223.7
25°	167.0	172.6	177.7	183.4	188.5	190.0	191.5	195.6	199.7	199.7	199.7
27.5°	146.1	153.7	161.9	169.6	177.2	179.3	180.8	182.3	183.4	181.3	178.8
30°	137.9	145.6	153.2	160.4	168.0	171.1	173.7	175.2	176.7	174.2	171.6
32.5°	134.3	141.5	148.1	155.3	161.9	166.0	169.6	173.7	177.2	177.7	178.8
35°	117.0	121.6	126.7	131.3	135.9	137.9	139.9	141.5	142.5	142.5	142.5
37.5°	100.1	106.2	112.9	119.0	125.1	129.7	134.3	134.8	134.8	135.9	137.4
40°	97.0	103.2	109.3	114.9	121.0	126.2	130.8	131.3	131.8	132.8	133.8
42.5°	93.0	99.6	106.2	112.9	119.5	124.6	129.2	129.2	128.7	130.2	131.3
45°	88.9	95.5	101.6	108.3	114.4	121.0	127.2	125.6	123.6	126.2	128.2
47.5°	83.3	90.4	97.6	104.2	111.3	117.5	123.1	122.1	120.5	123.1	125.6
50°	77.6	84.8	91.9	99.1	106.2	112.9	119.0	118.0	117.0	120.0	122.6
52.5°	72.0	79.2	86.8	94.0	101.1	106.7	111.9	111.3	110.8	113.9	117.5
55°	66.4	73.0	80.2	86.8	93.5	99.6	105.2	104.2	103.2	105.7	108.3
57.5°	60.3	66.9	73.0	79.7	85.8	90.9	95.5	94.0	92.4	95.5	98.6
60°	53.6	59.8	65.9	71.5	77.6	81.7	85.3	84.3	82.7	85.8	88.9
62.5°	47.5	53.1	58.7	63.8	69.5	72.5	75.6	74.6	73.5	76.6	80.2
65°	42.9	47.5	51.6	56.2	60.3	63.3	66.4	64.9	63.3	66.9	70.0
67.5°	38.3	41.9	46.0	49.5	53.1	55.7	58.2	57.2	55.7	58.2	60.8
70°	32.7	36.3	39.8	42.9	46.5	49.0	51.6	50.1	48.0	50.6	53.1
72.5°	27.6	30.6	33.7	36.3	39.3	41.4	43.4	41.9	40.3	42.4	44.4
75°	24.0	26.6	29.1	31.2	33.7	34.7	35.8	35.2	34.2	36.3	37.8
77.5°	19.4	21.5	24.0	26.0	28.1	28.1	28.1	28.6	28.6	30.6	33.2
80°	10.2	12.3	14.3	15.8	17.9	17.9	17.4	18.4	18.9	21.5	24.0
82.5°	0.0	1.5	3.1	4.6	6.1	5.6	4.6	5.1	5.1	6.1	7.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0
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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7
2.5°	1151.7	1145.6	1141.5	1137.9	1133.9	1129.8	1134.9	1140.0	1144.6	1149.7	1165.0
5°	1145.1	1145.1	1141.5	1137.9	1134.4	1130.8	1138.5	1145.6	1153.3	1160.4	1159.9
7.5°	911.7	909.6	931.1	952.0	973.5	994.4	1000.0	1005.7	1010.8	1016.4	1014.9
10°	792.2	820.3	829.5	838.6	847.8	857.0	868.3	879.5	890.7	902.0	906.1
12.5°	693.6	711.0	740.6	769.7	799.3	828.4	843.2	858.6	873.4	888.2	917.3
15°	571.5	588.9	614.4	640.0	665.5	691.0	714.5	738.5	762.0	785.5	820.8
17.5°	402.0	416.8	436.2	455.6	474.5	493.9	530.2	566.4	602.7	638.9	676.2
20°	275.8	278.9	288.1	297.8	307.0	316.2	348.8	382.0	414.7	447.4	496.4
22.5°	224.7	226.3	230.9	235.5	239.5	244.1	261.0	278.4	295.2	312.1	351.9
25°	199.2	199.2	202.3	205.3	208.4	211.4	220.6	229.8	238.5	247.7	273.3
27.5°	176.7	174.2	178.8	183.4	188.0	192.6	199.2	206.3	213.0	219.6	237.0
30°	169.1	166.5	172.1	177.7	183.4	189.0	195.6	202.3	208.4	215.0	226.8
32.5°	179.3	179.8	181.8	183.9	185.4	187.4	190.5	194.1	197.1	200.2	210.4
35°	142.5	142.5	146.1	149.6	152.7	156.3	161.9	167.5	173.1	178.8	189.5
37.5°	138.4	139.4	142.5	146.1	149.1	152.2	159.4	167.0	174.2	181.3	190.0
40°	134.3	135.3	139.4	143.5	147.6	151.7	158.8	165.5	172.6	179.3	187.4
42.5°	132.8	133.8	138.9	144.5	149.6	154.8	160.9	167.0	172.6	178.8	190.0
45°	130.8	132.8	138.9	145.6	151.7	157.8	163.4	169.1	174.7	180.3	194.1
47.5°	127.7	130.2	137.4	144.0	151.2	157.8	168.5	179.8	190.5	201.2	207.9
50°	125.6	128.2	135.9	143.5	151.2	158.8	176.2	193.6	210.4	227.8	224.2
52.5°	120.5	123.6	133.3	143.0	152.7	162.4	177.7	193.1	208.4	223.7	216.6
55°	110.8	113.4	124.6	135.9	146.6	157.8	169.1	180.3	191.0	202.3	194.1
57.5°	101.1	104.2	114.9	125.6	135.9	146.6	152.2	157.8	163.4	169.1	166.0
60°	91.9	95.0	109.3	123.6	137.9	152.2	147.1	142.0	136.4	131.3	134.8
62.5°	83.3	86.3	100.1	113.4	127.2	140.5	133.3	126.2	119.0	111.9	117.5
65°	73.5	76.6	81.7	87.3	92.4	97.6	97.0	96.0	95.5	94.5	100.6
67.5°	63.3	65.9	68.4	71.5	74.1	76.6	78.1	80.2	81.7	83.3	88.4
70°	55.2	57.7	60.8	63.3	66.4	69.0	70.0	71.0	71.5	72.5	77.1
72.5°	46.0	48.0	52.1	56.2	59.8	63.8	64.4	64.4	64.9	64.9	68.4
75°	39.8	41.4	44.4	47.5	50.1	53.1	54.7	56.2	57.2	58.7	60.8
77.5°	35.2	37.3	38.3	38.8	39.8	40.3	41.4	42.4	43.4	44.4	44.9
80°	26.0	28.6	29.6	30.1	31.2	31.7	31.7	31.2	31.2	30.6	31.2
82.5°	8.2	9.2	10.7	12.3	13.8	15.3	15.8	16.3	16.3	16.9	16.3
85°	1.5	2.0	3.1	4.1	4.6	5.6	5.1	4.1	3.6	2.6	2.0
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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7
2.5°	1180.3	1195.2	1210.5	1204.3	1198.2	1192.1	1186.0	1187.0	1188.5	1189.5	1190.6
5°	1159.4	1158.4	1157.9	1175.2	1193.1	1210.5	1227.8	1246.7	1266.1	1285.0	1303.9
7.5°	1013.3	1011.3	1009.7	1032.2	1054.7	1077.2	1099.6	1125.7	1152.2	1178.3	1204.3
10°	910.2	914.2	918.3	927.5	937.2	946.4	955.6	980.6	1005.7	1030.2	1055.2
12.5°	946.4	975.0	1004.1	1009.7	1014.9	1020.5	1025.6	1029.2	1032.7	1036.3	1039.9
15°	856.5	891.8	927.0	941.8	956.1	970.9	985.2	1023.0	1060.3	1098.1	1135.4
17.5°	713.5	750.3	787.6	832.0	876.4	920.9	965.3	1006.2	1047.0	1087.9	1128.8
20°	546.0	595.0	644.1	700.2	756.9	813.1	869.3	910.2	950.5	991.4	1031.7
22.5°	392.3	432.1	471.9	539.9	607.3	675.2	742.6	813.6	885.1	956.1	1027.1
25°	298.8	323.8	349.4	416.3	483.2	549.6	616.5	714.0	811.6	909.1	1006.7
27.5°	253.8	271.2	288.1	348.3	408.6	468.4	528.6	644.6	760.5	876.4	992.4
30°	239.0	250.8	262.5	313.6	365.2	416.3	467.3	584.8	702.3	819.8	937.2
32.5°	220.6	230.3	240.6	285.5	330.5	374.9	419.8	534.8	649.7	764.1	879.0
35°	199.7	210.4	220.6	265.6	310.5	355.0	399.9	518.9	637.9	756.9	875.9
37.5°	198.2	206.9	215.0	267.1	319.7	371.8	423.9	542.9	661.9	780.4	899.4
40°	196.1	204.3	212.5	265.6	318.2	371.3	423.9	548.5	673.2	797.8	922.4
42.5°	201.2	212.0	223.2	270.2	317.2	363.7	410.6	541.9	673.2	803.9	935.2
45°	208.4	222.2	236.0	278.9	321.8	364.7	407.6	550.1	692.6	834.6	977.1
47.5°	215.0	221.7	228.3	269.2	309.5	350.4	390.7	536.3	681.8	827.4	973.0
50°	221.2	217.6	214.0	258.9	303.9	348.3	393.3	532.2	670.6	809.5	947.9
52.5°	208.9	201.7	194.1	242.1	290.1	337.6	385.6	525.6	665.5	805.5	945.4
55°	185.9	177.7	169.6	217.1	264.1	311.6	358.5	498.0	637.4	776.8	916.3
57.5°	162.4	159.4	155.8	192.0	228.3	264.1	300.3	455.1	610.3	765.1	919.9
60°	138.4	141.5	145.1	171.1	197.1	222.7	248.7	400.4	551.6	703.3	854.5
62.5°	122.6	128.2	133.3	155.3	177.7	199.7	221.7	364.7	507.7	650.7	793.7
65°	107.3	113.4	119.5	145.6	172.1	198.2	224.2	345.3	466.3	587.4	708.4
67.5°	93.5	98.1	103.2	137.4	171.6	205.8	240.1	339.1	437.7	536.8	635.4
70°	81.7	85.8	90.4	130.2	170.1	209.9	249.8	334.0	418.8	503.1	587.4
72.5°	72.0	75.6	79.2	119.5	159.9	200.2	240.6	315.6	390.2	465.3	539.9
75°	62.8	64.4	66.4	100.6	134.3	168.5	202.3	252.3	302.9	352.9	403.0
77.5°	45.5	45.5	46.0	56.2	65.9	76.1	85.8	117.0	148.1	178.8	209.9
80°	31.2	31.7	31.7	35.8	39.3	43.4	47.0	53.6	59.8	66.4	72.5
82.5°	15.8	14.8	14.3	18.4	22.5	26.6	30.6	32.2	33.2	34.7	35.8
85°	1.5	0.5	0.0	2.6	5.1	7.7	10.2	12.3	14.3	16.3	18.4
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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-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: P367557

CATALOG NUMBER: MSA-SA2D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7
2.5°	1186.5	1182.4	1178.3	1174.2	1199.2	1224.8	1249.8	1274.8	1345.8	1392.3	1387.2
5°	1322.3	1340.7	1359.1	1377.5	1407.1	1437.2	1466.9	1496.5	1601.7	1666.1	1675.3
7.5°	1232.9	1261.0	1289.6	1317.7	1374.9	1431.6	1488.8	1545.5	1631.8	1698.7	1736.5
10°	1087.4	1119.6	1151.2	1183.4	1247.8	1312.6	1377.0	1441.3	1538.4	1630.8	1678.3
12.5°	1090.4	1141.0	1191.6	1242.1	1298.3	1354.5	1410.2	1466.4	1525.6	1556.8	1623.7
15°	1175.2	1215.1	1254.9	1294.7	1368.3	1441.8	1514.9	1588.4	1623.7	1698.7	1776.9
17.5°	1206.4	1284.5	1362.2	1439.8	1531.7	1623.2	1715.1	1806.5	1872.9	1977.1	2057.8
20°	1148.7	1265.6	1382.1	1499.0	1625.2	1751.4	1877.5	2003.7	2076.2	2175.3	2299.9
22.5°	1151.2	1275.3	1398.9	1523.1	1697.2	1870.9	2045.0	2218.7	2413.3	2604.3	2665.1
25°	1169.1	1331.5	1493.4	1655.8	1857.1	2058.3	2259.6	2460.8	2695.7	2896.5	2977.2
27.5°	1175.2	1358.1	1540.4	1723.3	2009.3	2295.3	2581.3	2867.3	3147.7	3374.5	3460.8
30°	1160.4	1384.1	1607.3	1830.5	2181.4	2532.3	2883.2	3234.1	3500.2	3764.2	3871.5
32.5°	1164.0	1449.0	1734.0	2019.0	2432.2	2845.9	3259.1	3672.3	3842.4	4080.4	4269.3
35°	1188.5	1501.1	1813.2	2125.7	2582.9	3040.0	3497.1	3954.2	4233.1	4484.4	4644.7
37.5°	1245.7	1592.0	1937.8	2284.1	2845.9	3408.2	3970.0	4531.9	4963.5	5395.0	5468.6
40°	1288.1	1653.8	2019.5	2385.2	3037.4	3689.6	4341.9	4994.1	5482.4	5950.7	6000.8
42.5°	1336.1	1736.5	2137.5	2537.9	3267.3	3996.6	4726.0	5455.3	6020.7	6498.3	6531.4
45°	1388.7	1800.9	2212.6	2624.2	3388.3	4151.9	4916.0	5679.5	6339.9	6894.6	6769.5
47.5°	1413.8	1854.5	2295.3	2736.1	3555.3	4374.0	5193.3	6012.0	6604.5	7093.8	6947.7
50°	1433.2	1917.9	2403.1	2887.8	3746.8	4605.9	5465.0	6324.1	6918.1	7369.6	7140.8
52.5°	1487.8	2029.7	2572.1	3114.0	4027.8	4941.0	5854.7	6767.9	7342.5	7757.2	7436.5
55°	1540.9	2165.1	2789.7	3413.8	4396.5	5379.7	6362.4	7345.1	7917.1	8272.6	7836.9
57.5°	1607.8	2296.3	2984.3	3672.3	4723.4	5774.5	6825.1	7876.3	8435.5	8828.3	8375.8
60°	1590.5	2325.9	3061.9	3797.4	4867.9	5938.5	7009.0	8079.5	8744.0	9226.7	8919.7
62.5°	1523.1	2252.4	2981.2	3710.6	4762.2	5813.3	6865.0	7916.1	8712.3	9366.1	9262.9
65°	1386.7	2064.4	2742.7	3420.5	4424.6	5429.3	6433.4	7437.5	8420.2	9252.2	9289.0
67.5°	1207.4	1779.4	2351.0	2923.0	3859.7	4796.4	5732.6	6669.4	7829.3	8799.7	8909.0
70°	1017.4	1447.0	1877.0	2306.5	3130.9	3955.2	4779.1	5603.4	6809.3	7785.8	7992.2
72.5°	815.7	1092.0	1367.8	1643.6	2238.6	2833.1	3428.1	4022.7	5083.5	5841.4	6201.5
75°	528.6	654.3	779.9	905.6	1301.9	1697.7	2094.1	2489.9	3194.2	3752.5	4159.5
77.5°	235.5	261.0	286.0	311.6	617.5	923.4	1229.4	1535.3	1841.2	2178.3	2273.9
80°	84.3	95.5	107.3	118.5	268.7	419.3	569.5	719.6	867.8	1041.9	1084.3
82.5°	35.2	35.2	34.7	34.2	87.8	141.5	195.1	248.7	287.6	330.5	338.6
85°	14.3	10.7	6.6	2.6	11.2	20.4	29.1	37.8	60.8	55.2	102.1
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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-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: P367557

CATALOG NUMBER: MSA-SA2D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7
2.5°	1367.8	1366.8	1365.7	1364.7	1363.7	1345.3	1327.4	1309.0	1291.2	1313.6	1336.1
5°	1660.4	1687.0	1713.6	1740.6	1767.2	1774.9	1782.5	1790.2	1797.8	1814.2	1830.5
7.5°	1768.2	1813.2	1857.6	1902.5	1947.0	1988.3	2029.2	2070.6	2111.9	2101.7	2091.5
10°	1730.9	1812.1	1893.3	1975.1	2056.3	2074.1	2092.0	2110.4	2128.3	2174.8	2221.2
12.5°	1690.6	1788.1	1885.7	1983.2	2080.8	2134.9	2188.6	2242.7	2296.8	2343.8	2390.8
15°	1882.1	1944.4	2006.7	2069.6	2131.9	2179.4	2226.4	2273.9	2320.8	2353.5	2385.7
17.5°	2133.9	2164.6	2195.2	2226.4	2257.0	2294.3	2331.6	2368.9	2406.1	2425.5	2445.0
20°	2400.0	2413.3	2426.6	2439.8	2453.1	2423.5	2393.9	2364.3	2334.6	2353.0	2370.9
22.5°	2667.1	2671.7	2676.8	2681.4	2686.0	2617.1	2548.1	2479.2	2410.2	2381.1	2352.0
25°	3078.3	3044.6	3010.9	2977.2	2943.4	2861.7	2780.0	2698.3	2616.6	2544.5	2472.5
27.5°	3523.7	3409.2	3295.3	3180.9	3067.0	2985.3	2903.6	2821.9	2740.2	2631.9	2523.6
30°	3972.6	3788.2	3604.4	3420.0	3236.1	3139.1	3042.0	2944.5	2847.4	2739.1	2631.4
32.5°	4384.3	4162.6	3940.9	3718.8	3497.1	3333.7	3170.2	3006.8	2843.3	2767.7	2692.2
35°	4725.4	4463.4	4201.4	3938.9	3676.9	3515.0	3353.1	3191.2	3029.2	2916.9	2805.0
37.5°	5308.7	5014.0	4719.3	4424.6	4129.9	3908.8	3688.1	3467.0	3245.8	3170.7	3095.6
40°	5846.5	5475.2	5103.9	4732.6	4361.3	4175.9	3991.0	3805.6	3620.7	3497.6	3375.0
42.5°	6274.0	5882.8	5492.1	5100.8	4709.6	4526.3	4343.4	4160.0	3976.7	3894.5	3812.7
45°	6366.5	5997.7	5629.5	5260.7	4891.9	4785.2	4679.0	4572.2	4466.0	4409.3	4353.1
47.5°	6548.8	6148.9	5749.5	5349.6	4949.7	4901.7	4853.6	4805.1	4757.1	4784.2	4811.2
50°	6651.0	6242.9	5834.8	5426.7	5018.6	5032.4	5045.7	5059.5	5073.3	5265.3	5456.8
52.5°	6849.1	6437.0	6024.8	5612.6	5200.4	5287.3	5373.6	5460.4	5546.7	5811.3	6075.4
55°	7203.1	6798.1	6393.0	5987.5	5582.5	5696.9	5811.3	5926.2	6040.6	6321.5	6601.9
57.5°	7727.6	7325.7	6924.2	6522.3	6120.8	6234.7	6348.6	6462.5	6576.4	6830.2	7083.6
60°	8388.0	7975.3	7563.2	7150.5	6738.3	6781.2	6823.6	6866.5	6909.4	7182.1	7454.4
62.5°	8902.3	8522.9	8143.9	7764.4	7385.4	7337.9	7290.9	7243.4	7196.4	7403.8	7610.7
65°	9021.9	8754.7	8488.1	8221.0	7953.9	7807.8	7662.2	7516.2	7370.1	7453.9	7537.6
67.5°	8679.7	8499.4	8319.6	8139.3	7959.0	7654.1	7349.2	7043.7	6738.8	6694.4	6649.9
70°	7885.4	7786.9	7688.8	7590.2	7492.2	7022.3	6552.9	6083.0	5613.6	5500.8	5387.9
72.5°	6222.4	6283.7	6345.0	6406.8	6468.1	5965.0	5462.5	4959.4	4456.3	4313.3	4170.8
75°	4387.8	4595.7	4803.6	5011.5	5219.3	4760.7	4302.5	3843.9	3385.2	3247.8	3111.0
77.5°	2379.1	2768.8	3158.5	3548.2	3937.9	3559.4	3181.5	2803.0	2424.5	2329.0	2234.0
80°	1127.7	1352.5	1576.7	1801.4	2026.1	1940.8	1855.5	1769.7	1684.4	1705.4	1726.3
82.5°	345.8	508.2	670.6	833.0	995.4	1008.2	1020.5	1033.2	1046.0	1077.7	1108.8
85°	115.9	158.8	201.7	244.6	287.6	363.1	438.7	514.8	590.4	541.4	492.9
87.5°	0.0	1.5	2.6	4.1	5.1	15.8	26.6	37.3	48.0	41.4	35.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367557  
 CATALOG NUMBER: MSA-SA2D-730-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: P367557

CATALOG NUMBER: MSA-SA2D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7
2.5°	1359.1	1381.6	1382.1	1383.1	1383.6	1384.1	1386.7	1389.2	1392.3	1394.9	1378.0
5°	1847.4	1863.7	1833.6	1803.5	1772.8	1742.7	1769.7	1796.8	1823.9	1851.0	1839.2
7.5°	2080.8	2070.6	2067.0	2063.9	2060.4	2057.3	2067.5	2077.7	2087.9	2098.2	2097.1
10°	2267.7	2314.2	2325.4	2336.7	2348.4	2359.7	2336.2	2312.7	2289.2	2265.7	2256.0
12.5°	2437.8	2484.8	2522.1	2559.4	2597.2	2634.4	2600.7	2567.5	2533.8	2500.6	2469.0
15°	2418.4	2450.6	2481.2	2511.9	2542.5	2573.2	2561.9	2551.2	2540.0	2528.7	2523.6
17.5°	2464.9	2484.3	2477.1	2470.0	2462.3	2455.2	2451.6	2448.5	2445.0	2441.4	2429.1
20°	2389.3	2407.7	2403.1	2399.0	2394.4	2389.8	2386.7	2383.7	2380.6	2377.5	2367.8
22.5°	2322.9	2293.8	2286.1	2279.0	2271.3	2264.1	2265.2	2266.2	2266.7	2267.7	2311.6
25°	2400.5	2328.5	2300.4	2272.3	2243.7	2215.6	2228.4	2240.7	2253.4	2266.2	2329.5
27.5°	2414.8	2306.5	2261.6	2216.6	2171.7	2126.8	2172.7	2218.7	2264.7	2310.6	2413.3
30°	2523.1	2415.3	2352.5	2290.2	2227.4	2165.1	2223.8	2282.5	2341.3	2400.0	2511.3
32.5°	2616.1	2540.5	2495.5	2450.6	2405.6	2360.7	2363.2	2365.3	2367.8	2370.4	2527.2
35°	2692.7	2580.8	2540.0	2499.6	2458.7	2418.4	2479.2	2540.0	2600.7	2661.5	2802.5
37.5°	3020.6	2945.5	2870.4	2795.8	2720.8	2646.2	2694.7	2743.2	2792.3	2840.8	2996.6
40°	3251.9	3129.4	3109.9	3091.0	3071.6	3052.7	3077.8	3102.3	3127.3	3152.3	3288.7
42.5°	3730.5	3648.3	3595.7	3543.6	3491.0	3438.9	3458.8	3478.7	3499.1	3519.1	3648.3
45°	4296.4	4239.7	4205.0	4170.3	4135.0	4100.3	4070.2	4040.5	4010.4	3980.8	4112.0
47.5°	4838.3	4865.4	4942.0	5018.1	5094.7	5170.8	5108.5	5046.2	4983.4	4921.1	4921.6
50°	5648.9	5840.4	5879.2	5917.5	5956.3	5994.7	5861.9	5729.1	5595.8	5463.0	5447.1
52.5°	6339.9	6604.0	6617.8	6631.6	6645.9	6659.6	6606.0	6552.4	6498.3	6444.6	6302.1
55°	6882.8	7163.2	7182.1	7200.5	7219.4	7237.8	7190.8	7144.3	7097.4	7050.4	6906.3
57.5°	7337.4	7590.7	7602.0	7612.7	7623.9	7635.2	7638.8	7642.3	7646.4	7650.0	7455.4
60°	7727.1	7999.9	7977.4	7955.4	7932.9	7911.0	7877.3	7843.6	7809.9	7776.1	7650.5
62.5°	7818.0	8025.4	7990.7	7956.4	7921.7	7887.5	7858.9	7830.8	7802.2	7773.6	7693.4
65°	7621.4	7705.1	7669.4	7633.6	7597.4	7561.6	7543.2	7525.4	7507.0	7488.6	7478.4
67.5°	6605.0	6560.6	6603.0	6645.3	6687.7	6730.1	6787.8	6845.6	6903.8	6961.5	6927.8
70°	5274.5	5161.6	5208.6	5255.1	5302.1	5348.6	5435.9	5523.2	5611.1	5698.4	5674.9
72.5°	4027.8	3884.8	3891.4	3898.0	3905.2	3911.8	3909.3	3907.2	3904.7	3902.1	3943.0
75°	2973.6	2836.2	2771.3	2706.5	2641.6	2576.7	2560.9	2545.1	2529.2	2513.4	2589.5
77.5°	2138.5	2043.5	1999.1	1955.1	1910.7	1866.8	1889.3	1911.7	1934.7	1957.2	1983.7
80°	1747.8	1768.7	1734.5	1700.8	1666.6	1632.4	1657.9	1682.9	1708.5	1734.0	1654.8
82.5°	1140.5	1171.7	1066.4	961.2	856.0	750.8	814.6	878.5	942.8	1006.7	974.0
85°	443.8	395.3	337.1	279.4	221.2	162.9	212.0	261.0	310.0	359.1	391.7
87.5°	28.6	22.5	17.9	13.3	8.2	3.6	7.7	11.7	16.3	20.4	34.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367557  
 CATALOG NUMBER: MSA-SA2D-730-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: P367557

CATALOG NUMBER: MSA-SA2D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7	1079.7
2.5°	1361.7	1344.8	1328.5	1296.3	1264.1	1231.9	1199.7	1244.7	1289.6	1334.6	1379.5
5°	1828.0	1816.2	1805.0	1808.0	1811.1	1814.7	1817.8	1824.4	1831.0	1837.2	1843.8
7.5°	2096.6	2095.6	2094.6	2071.1	2047.6	2023.6	2000.1	2011.8	2023.6	2035.3	2047.1
10°	2246.8	2237.1	2227.4	2175.8	2124.2	2072.1	2020.5	1998.0	1975.1	1952.6	1930.1
12.5°	2437.3	2405.1	2373.4	2318.3	2263.6	2208.5	2153.3	2132.9	2111.9	2091.5	2070.6
15°	2519.0	2513.9	2509.3	2470.0	2430.1	2390.8	2351.0	2281.0	2210.5	2140.5	2070.6
17.5°	2416.9	2404.1	2391.8	2454.1	2515.9	2578.3	2640.6	2568.0	2495.5	2423.0	2350.5
20°	2358.1	2348.4	2338.7	2454.7	2570.1	2686.0	2801.5	2769.3	2736.6	2704.4	2672.2
22.5°	2355.6	2400.0	2443.9	2545.6	2646.7	2748.3	2849.5	2905.1	2961.3	3017.0	3072.7
25°	2392.9	2456.7	2520.0	2688.6	2857.1	3026.2	3194.7	3258.6	3321.9	3385.8	3449.1
27.5°	2515.4	2618.1	2720.2	2867.3	3014.4	3162.0	3309.1	3448.6	3588.5	3728.0	3867.4
30°	2622.2	2733.5	2844.9	3020.1	3194.7	3369.9	3544.6	3719.3	3893.9	4068.6	4243.3
32.5°	2684.0	2841.3	2998.1	3211.1	3423.5	3636.5	3849.5	4041.0	4232.6	4423.6	4615.1
35°	2943.4	3084.9	3225.9	3461.3	3696.8	3932.8	4168.2	4405.2	4642.2	4878.7	5115.7
37.5°	3152.3	3308.6	3464.4	3721.8	3978.7	4236.1	4493.6	4821.0	5148.9	5476.2	5803.6
40°	3425.1	3561.4	3697.8	3938.9	4179.5	4420.5	4661.6	5076.8	5492.1	5906.8	6322.0
42.5°	3777.0	3906.2	4035.4	4293.4	4551.3	4809.2	5067.1	5526.8	5986.5	6445.6	6905.3
45°	4243.3	4375.1	4506.3	4711.7	4917.0	5122.3	5327.6	5816.4	6304.7	6793.5	7281.7
47.5°	4922.1	4922.6	4923.1	5071.2	5219.3	5368.0	5516.1	6008.4	6500.3	6992.7	7484.5
50°	5431.3	5415.0	5399.1	5475.7	5551.8	5628.4	5705.1	6158.1	6611.6	7064.7	7517.7
52.5°	6160.1	6017.6	5875.6	5921.1	5966.1	6011.5	6056.5	6440.0	6824.1	7207.7	7591.3
55°	6762.8	6618.8	6474.8	6457.9	6441.0	6424.2	6407.3	6760.3	7113.2	7466.1	7819.0
57.5°	7261.3	7066.7	6872.6	6833.8	6795.5	6756.7	6717.9	7090.2	7462.0	7834.4	8206.2
60°	7525.4	7399.7	7274.1	7249.1	7223.5	7198.5	7172.9	7478.4	7783.8	8089.2	8394.7
62.5°	7613.7	7533.5	7453.9	7500.9	7547.8	7595.3	7642.3	7776.7	7910.5	8044.8	8178.6
65°	7468.7	7458.5	7448.2	7544.8	7640.8	7737.3	7833.9	7800.7	7766.9	7733.8	7700.6
67.5°	6894.6	6860.9	6827.7	7039.6	7251.1	7463.1	7675.0	7514.1	7352.7	7191.8	7031.0
70°	5651.4	5627.4	5603.9	5909.4	6214.8	6520.7	6826.2	6631.0	6435.9	6240.8	6045.7
72.5°	3983.3	4024.2	4065.0	4425.1	4784.7	5144.8	5504.3	5307.7	5111.1	4914.4	4717.8
75°	2665.1	2741.2	2817.3	3188.1	3558.9	3930.2	4301.0	4070.2	3839.3	3608.4	3377.6
77.5°	2010.3	2036.9	2063.4	2297.9	2532.3	2767.2	3001.7	2811.2	2620.1	2429.6	2238.6
80°	1575.7	1496.0	1416.8	1493.9	1571.1	1648.2	1725.3	1611.4	1497.5	1384.1	1270.2
82.5°	941.3	908.6	875.9	917.8	959.2	1001.1	1042.9	993.9	944.4	895.3	845.8
85°	423.9	456.6	488.8	531.2	573.1	615.5	657.8	589.4	521.0	452.5	384.1
87.5°	47.5	61.3	75.1	93.0	110.8	128.7	146.6	114.4	81.7	49.5	17.4
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: P367557  
 CATALOG NUMBER: MSA-SA2D-730-U-SLR-HSS

**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





REPORT NUMBER: P367557  
 CATALOG NUMBER: MSA-SA2D-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	1079.7	1079.7
2.5°	1405.6	1431.6
5°	1843.3	1842.3
7.5°	2016.4	1985.3
10°	1901.5	1872.9
12.5°	1997.5	1924.5
15°	2015.4	1960.3
17.5°	2260.6	2170.2
20°	2556.3	2439.8
22.5°	2913.3	2753.4
25°	3259.1	3069.1
27.5°	3753.5	3639.1
30°	4127.9	4011.9
32.5°	4536.5	4457.8
35°	5037.5	4958.9
37.5°	5824.1	5844.0
40°	6334.3	6346.6
42.5°	6952.8	7000.3
45°	7334.9	7388.0
47.5°	7558.6	7632.6
50°	7637.2	7756.7
52.5°	7738.9	7886.0
55°	7983.0	8146.9
57.5°	8336.9	8467.7
60°	8400.8	8406.9
62.5°	8084.1	7989.6
65°	7599.9	7499.3
67.5°	6970.2	6908.9
70°	5965.0	5884.3
72.5°	4567.6	4417.5
75°	3191.7	3005.8
77.5°	2141.1	2043.5
80°	1273.3	1275.8
82.5°	869.3	892.3
85°	379.5	374.4
87.5°	12.3	6.6
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: P367557  
CATALOG NUMBER: MSA-SA2D-730-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)