

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: P367425

Luminaire Tested: **MSA-SA2C-730-U-SLR-HSS**

Issue Date: 12/2/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P367425  
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-SA2C-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: 8195 lumens  
Efficiency: N/A  
Efficacy: 72.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2

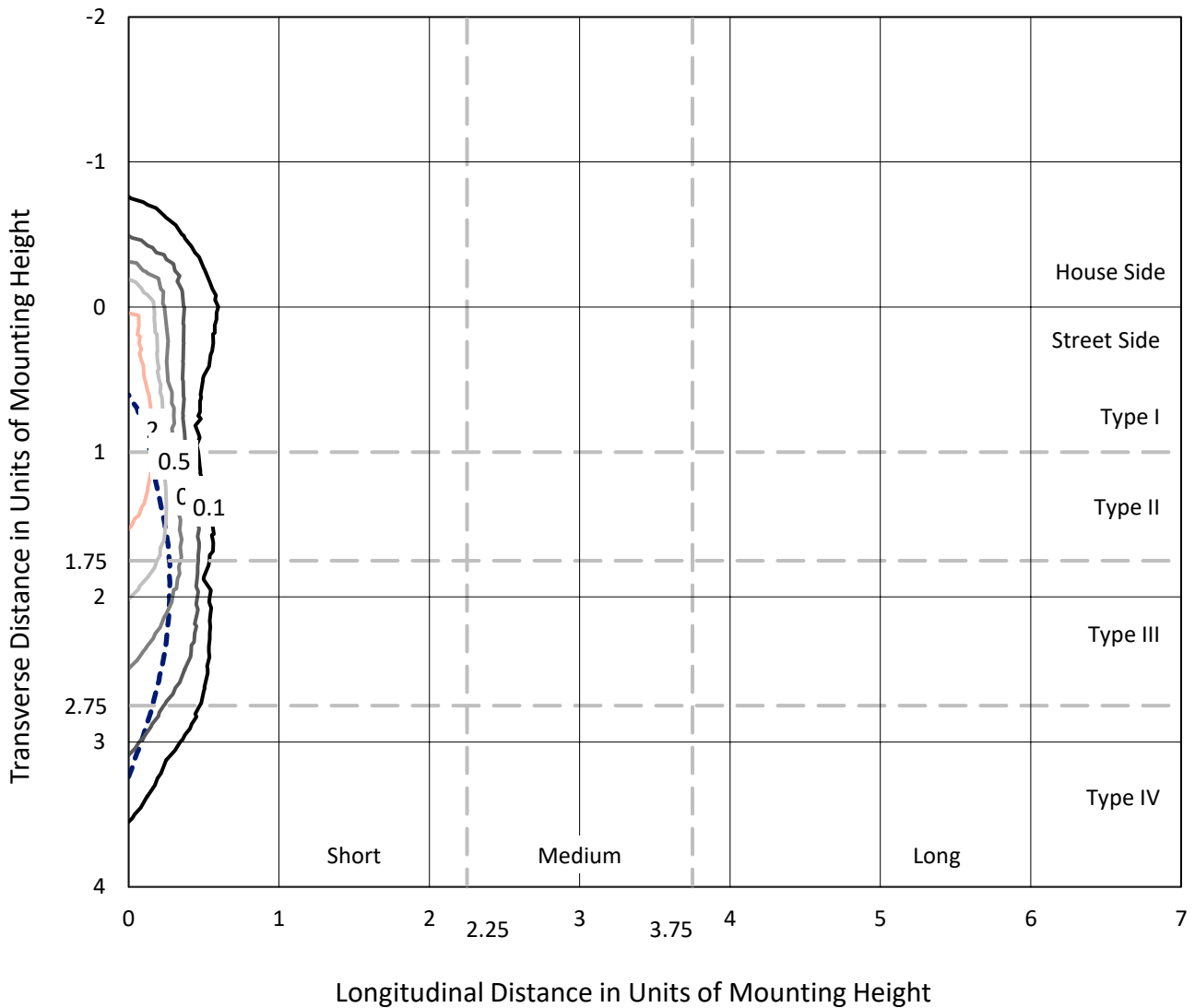
Input Watts (W): 113  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

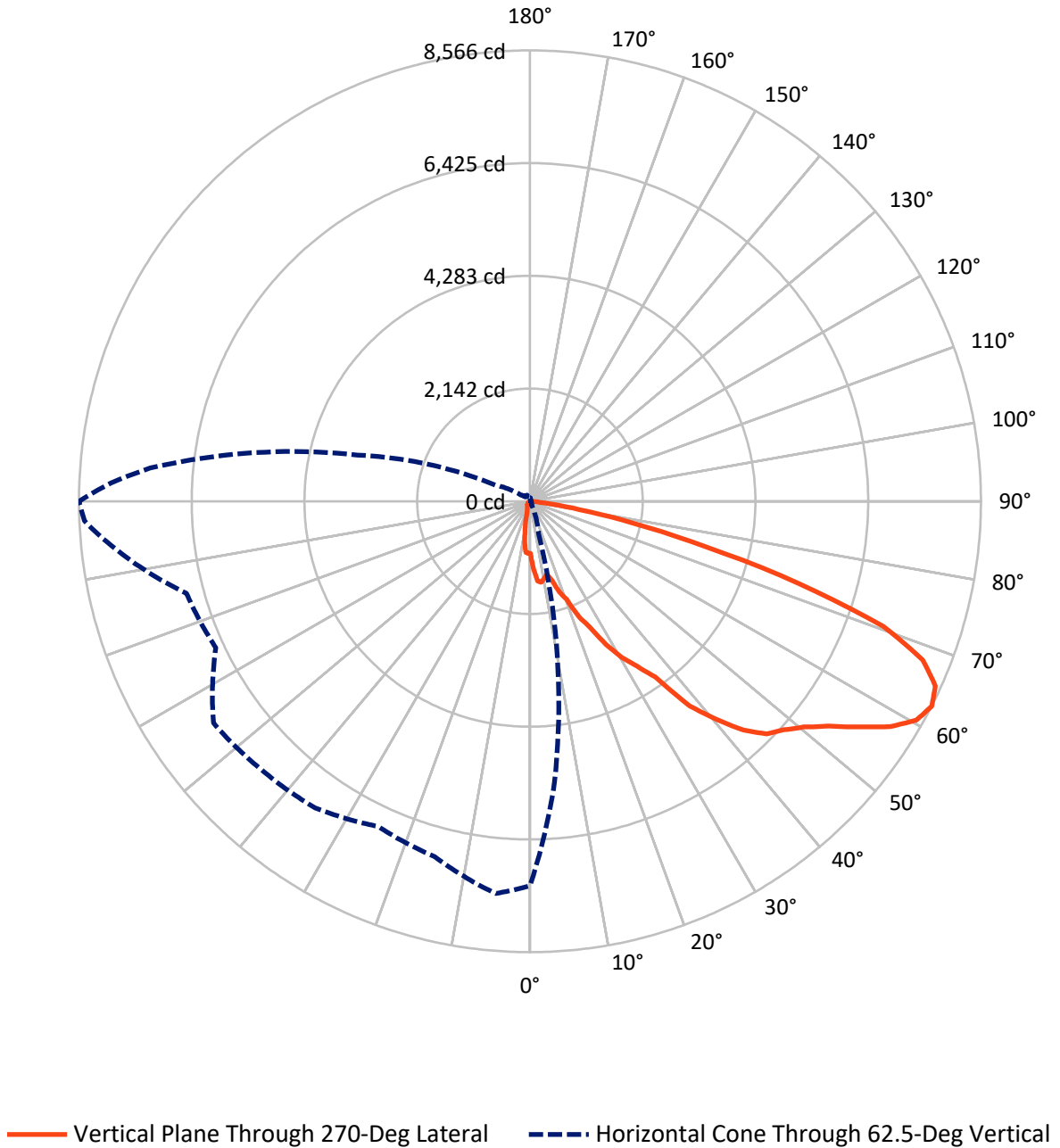
× Max cd  
 - - - 1/2 Max cd



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	1368.5	0.0	1368.5
	% Fixture	16.7	0.0	16.7
<b>Street Side</b>	Lumens	6826.5	0.0	6826.5
	% Fixture	83.3	0.0	83.3
<b>Total</b>	Lumens	8195.0	0.0	8195.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	110.3	1.3
10°-20°	288.2	3.5
20°-30°	465.9	5.7
30°-40°	780.2	9.5
40°-50°	1275.5	15.6
50°-60°	1888.2	23.0
60°-70°	2167.7	26.5
70°-80°	1071.8	13.1
80°-90°	147.2	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°	8195.0	100.0
0°-180°	8195.0	100.0

**Coefficient of Utilization**

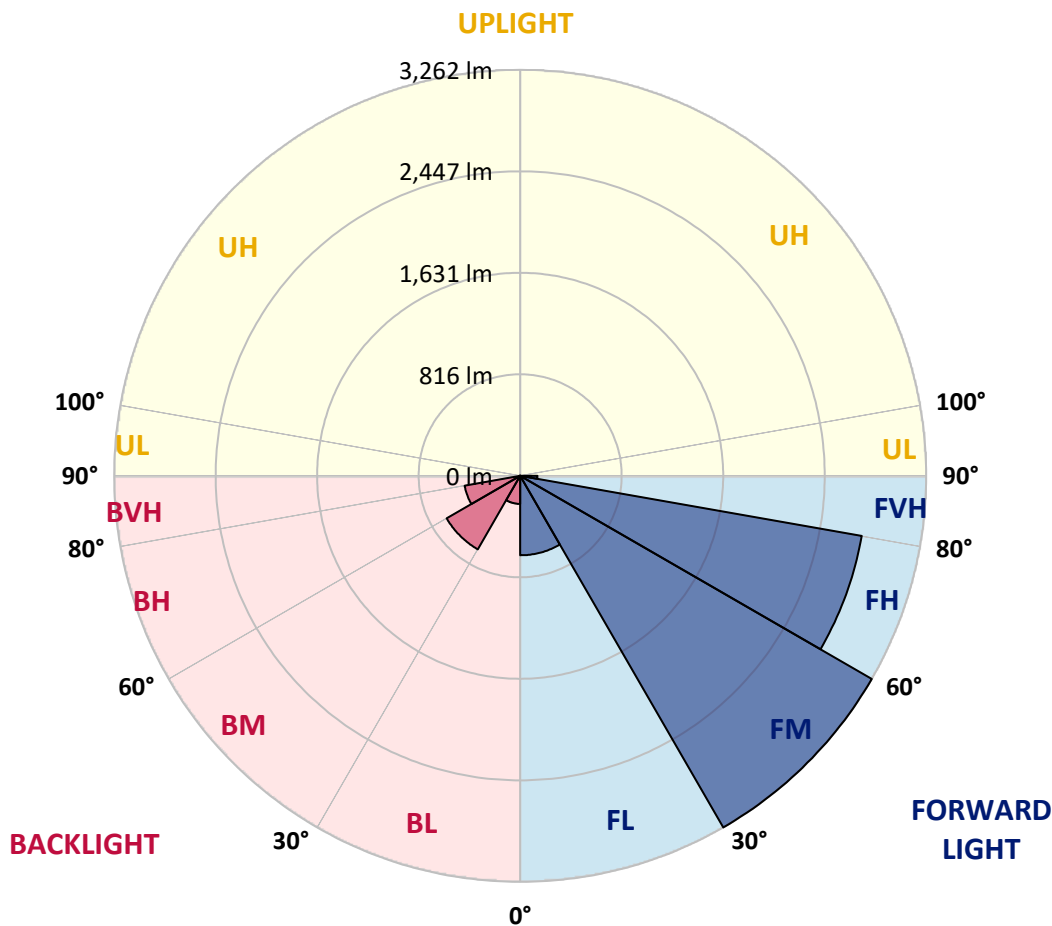


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	638.4	7.8			
FM (30°-60°)	3262.0	39.8			
FH (60°-80°)	2786.7	34.0			G2/5000
FVH (80°-90°)	139.4	1.7			G2/225
BL (0°-30°)	226.0	2.8	B1/500		
BM (30°-60°)	681.9	8.3	B1/1000		
BH (60°-80°)	452.8	5.5	B1/500		G1/500
BVH (80°-90°)	7.8	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°	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5
2.5°	1309.4	1325.7	1341.6	1311.3	1280.9	1250.5	1220.2	1193.1	1166.0	1138.4	1111.3
5°	1685.0	1655.1	1625.2	1584.1	1543.0	1501.9	1460.7	1441.6	1422.4	1403.3	1384.1
7.5°	1815.8	1762.5	1708.8	1672.4	1636.4	1600.0	1563.5	1506.1	1448.1	1390.7	1332.8
10°	1713.0	1656.5	1599.5	1567.7	1536.0	1504.2	1472.4	1401.0	1329.0	1257.5	1185.6
12.5°	1760.2	1699.0	1637.8	1572.4	1507.0	1441.6	1376.2	1321.5	1266.4	1211.8	1156.6
15°	1792.9	1722.8	1652.3	1577.5	1502.8	1428.0	1353.3	1288.8	1224.8	1160.4	1095.9
17.5°	1984.9	1884.4	1784.0	1669.1	1554.2	1439.3	1324.3	1249.6	1175.3	1100.6	1025.8
20°	2231.5	2089.1	1946.1	1790.6	1635.0	1479.4	1323.9	1230.9	1138.0	1045.0	952.0
22.5°	2518.4	2340.4	2161.9	1969.9	1778.4	1586.4	1394.4	1260.8	1127.2	993.6	860.0
25°	2807.0	2646.4	2485.7	2227.3	1969.0	1710.2	1451.9	1282.3	1112.3	942.7	772.7
27.5°	3328.4	3041.1	2753.8	2424.9	2096.5	1767.7	1438.8	1244.5	1050.1	855.3	661.0
30°	3669.4	3448.4	3227.0	2792.6	2358.6	1924.2	1489.7	1243.5	997.3	750.7	504.5
32.5°	4077.2	3753.9	3430.2	2958.9	2487.5	2016.2	1544.8	1255.7	966.0	676.9	387.3
35°	4535.5	4183.7	3832.0	3235.0	2637.9	2040.5	1443.5	1163.2	882.9	602.6	322.3
37.5°	5345.0	4756.4	4167.8	3471.8	2775.3	2079.2	1382.7	1102.9	822.6	542.8	262.5
40°	5804.7	5242.7	4680.8	3810.9	2941.1	2071.3	1201.5	953.0	704.9	456.4	207.9
42.5°	6402.6	5689.8	4976.5	4004.3	3032.2	2060.1	1088.0	858.1	628.3	398.0	168.2
45°	6757.2	5949.5	5141.8	4088.4	3035.0	1981.6	928.2	729.2	530.2	331.2	132.2
47.5°	6981.0	6170.9	5360.9	4230.0	3099.5	1968.5	837.6	654.5	471.3	288.2	105.1
50°	7094.5	6282.1	5469.3	4307.0	3144.8	1982.1	819.8	637.6	455.0	272.8	90.2
52.5°	7212.7	6429.3	5645.4	4440.6	3235.9	2031.1	826.4	640.5	455.0	269.1	83.2
55°	7451.4	6678.7	5905.6	4632.2	3358.7	2085.3	811.9	628.8	445.7	262.1	78.9
57.5°	7744.7	6918.8	6092.5	4772.3	3452.2	2132.0	811.9	627.8	443.8	259.3	75.2
60°	7689.1	6792.7	5895.8	4614.9	3334.0	2052.6	771.7	596.5	421.8	246.7	71.5
62.5°	7307.5	6334.4	5360.9	4177.2	2993.0	1809.2	625.0	485.4	345.7	205.5	65.9
65°	6859.0	5826.2	4792.9	3703.5	2613.7	1524.3	434.4	341.0	247.1	153.7	59.8
67.5°	6319.0	5217.5	4116.0	3147.1	2178.7	1209.9	241.0	194.3	147.6	100.4	53.7
70°	5381.9	4244.9	3107.4	2362.8	1618.6	874.0	129.4	109.3	89.2	69.1	49.0
72.5°	4040.3	2998.6	1956.9	1486.4	1016.5	546.1	75.7	68.2	60.3	52.8	44.8
75°	2749.1	1968.5	1187.9	904.4	621.3	337.7	54.2	50.5	46.2	42.5	38.3
77.5°	1869.0	1351.9	834.8	637.2	439.6	242.0	44.4	42.0	39.7	36.9	34.6
80°	1166.9	798.8	430.7	331.7	232.2	133.1	33.6	32.2	30.8	29.0	27.6
82.5°	816.1	488.2	160.2	125.2	90.2	54.7	19.6	20.1	20.6	20.6	21.0
85°	342.4	185.0	27.6	23.4	19.2	14.9	10.7	11.7	13.1	14.0	14.9
87.5°	6.1	3.3	0.0	0.9	2.3	3.3	4.2	5.6	6.5	7.9	8.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5
2.5°	1118.3	1125.3	1131.9	1138.9	1133.3	1128.1	1122.5	1116.9	1108.5	1100.6	1092.2
5°	1360.8	1337.4	1314.1	1290.7	1255.2	1219.7	1183.7	1148.2	1144.0	1139.8	1135.2
7.5°	1278.1	1223.4	1168.3	1113.7	1062.3	1010.9	959.5	908.1	892.2	876.8	860.9
10°	1143.6	1101.5	1059.0	1017.0	980.1	942.7	905.8	868.4	829.6	790.9	751.6
12.5°	1112.7	1068.8	1024.4	980.5	946.9	913.3	879.6	846.0	802.5	759.1	715.7
15°	1048.3	1000.6	953.0	905.3	860.5	815.6	770.3	725.5	673.2	620.8	568.5
17.5°	969.3	913.3	856.7	800.2	741.4	682.5	623.6	564.8	504.5	444.7	384.5
20°	875.4	798.8	721.7	645.1	572.2	499.4	426.0	353.2	315.3	277.9	240.1
22.5°	761.0	661.5	562.4	462.9	403.1	342.9	283.1	222.8	206.5	190.1	173.8
25°	660.1	547.5	434.9	322.3	284.5	246.7	208.8	171.0	163.5	155.6	148.1
27.5°	555.0	449.4	343.3	237.3	215.8	193.9	172.4	150.4	145.3	140.6	135.5
30°	425.6	346.6	267.2	188.3	174.2	160.2	145.7	131.7	129.4	126.6	124.3
32.5°	329.8	271.9	214.4	156.5	148.6	140.6	132.7	124.7	121.0	117.3	113.0
35°	275.6	229.4	182.7	135.9	130.3	124.3	118.7	112.6	108.8	104.6	100.9
37.5°	228.4	194.8	160.7	126.6	120.5	114.4	107.9	101.8	99.0	96.2	93.4
40°	188.3	168.6	149.0	129.4	120.5	111.6	102.8	93.9	91.6	89.2	86.9
42.5°	155.6	142.9	129.9	117.3	110.7	104.6	98.1	91.6	88.3	84.6	81.3
45°	125.7	118.7	112.1	105.1	105.6	106.0	106.0	106.5	98.1	89.2	80.8
47.5°	101.8	98.6	94.8	91.6	95.3	99.0	102.3	106.0	97.2	88.3	78.9
50°	87.4	85.0	82.2	79.4	83.2	87.4	91.1	94.8	91.1	87.8	84.1
52.5°	79.9	76.6	73.3	70.1	71.5	73.3	74.7	76.1	76.1	76.1	76.1
55°	75.2	71.9	68.2	64.5	63.1	61.2	59.8	57.9	55.6	53.7	51.4
57.5°	71.5	67.7	63.5	59.8	57.5	54.7	52.3	49.5	47.2	44.4	42.0
60°	67.7	64.0	59.8	56.1	53.7	51.4	48.6	46.2	43.4	41.1	38.3
62.5°	62.6	59.3	56.1	52.8	50.5	48.6	46.2	43.9	41.1	38.3	35.0
65°	57.0	54.7	51.9	49.0	46.7	44.4	42.0	39.7	36.9	34.6	31.8
67.5°	51.9	49.5	47.6	45.3	42.5	40.2	37.4	34.6	32.7	30.8	28.5
70°	47.6	45.8	44.4	42.5	39.7	37.4	34.6	31.8	30.4	28.5	27.1
72.5°	43.4	42.0	40.2	38.8	36.4	34.1	31.8	29.4	28.0	26.6	25.2
75°	37.4	36.4	35.5	34.6	32.2	29.9	27.1	24.8	24.3	23.8	23.4
77.5°	33.6	33.2	32.2	31.3	29.0	26.6	24.3	22.0	22.4	22.9	22.9
80°	27.6	27.6	27.1	27.1	25.2	23.4	21.0	19.2	20.1	21.5	22.4
82.5°	21.0	21.0	21.0	21.0	19.2	17.3	15.4	13.5	14.9	15.9	17.3
85°	14.5	14.0	13.5	13.1	11.7	10.7	9.3	7.9	9.8	11.2	13.1
87.5°	8.9	9.3	9.3	9.3	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: P367425  
 CATALOG NUMBER: MSA-SA2C-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: P367425  
 CATALOG NUMBER: MSA-SA2C-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5
2.5°	1083.8	1069.8	1055.7	1041.3	1027.2	994.5	961.8	929.1	896.4	920.7	944.6
5°	1130.9	1103.9	1076.3	1049.2	1021.6	1009.5	997.8	985.7	973.5	975.4	977.7
7.5°	845.1	827.3	809.6	791.3	773.6	769.8	766.6	762.8	759.1	767.0	774.5
10°	712.9	688.1	662.9	638.1	612.9	599.3	585.8	572.2	558.7	557.3	555.4
12.5°	672.2	634.4	597.0	559.2	521.3	491.9	462.5	433.0	403.6	405.9	408.3
15°	516.2	478.4	441.0	403.1	365.3	341.5	317.2	293.4	269.1	262.1	255.1
17.5°	324.2	296.2	268.1	239.6	211.6	203.7	196.2	188.3	180.3	178.0	175.6
20°	202.3	190.1	178.0	165.4	153.2	151.4	149.5	147.6	145.7	147.1	148.6
22.5°	157.4	152.3	146.7	141.5	135.9	134.1	132.2	130.3	128.5	129.9	130.8
25°	140.1	136.4	132.7	128.9	125.2	123.3	121.0	119.1	116.8	117.7	119.1
27.5°	130.3	127.1	123.8	120.5	117.3	114.0	111.2	107.9	104.6	106.5	107.9
30°	121.5	117.7	114.4	110.7	107.0	103.7	100.4	96.7	93.4	95.3	97.2
32.5°	109.3	106.0	102.3	99.0	95.3	93.4	91.6	89.2	87.4	88.8	89.7
35°	96.7	93.9	91.6	88.8	86.0	84.1	82.7	80.8	78.9	79.4	80.3
37.5°	90.6	87.4	84.1	80.8	77.5	76.6	75.7	74.3	73.3	73.3	73.3
40°	84.6	81.3	78.0	74.3	71.0	69.6	68.2	66.8	65.4	65.4	65.4
42.5°	77.5	74.3	71.0	67.7	64.5	63.1	61.2	59.8	57.9	57.9	57.9
45°	71.9	68.7	65.9	62.6	59.3	57.0	54.7	51.9	49.5	49.0	48.6
47.5°	70.1	65.4	60.7	56.1	51.4	49.0	46.7	43.9	41.6	41.1	40.6
50°	80.3	71.0	61.7	52.3	43.0	41.1	39.2	37.4	35.5	34.6	34.1
52.5°	76.1	66.3	56.5	46.7	36.9	35.5	34.1	32.7	31.3	30.4	29.4
55°	49.0	44.8	41.1	36.9	32.7	31.8	30.8	29.4	28.5	27.6	26.6
57.5°	39.2	36.9	35.0	32.7	30.4	29.4	28.5	27.1	26.2	24.8	23.8
60°	35.5	33.6	31.8	29.9	28.0	27.1	26.2	25.2	24.3	22.9	22.0
62.5°	32.2	30.8	29.4	28.0	26.6	25.7	24.8	23.8	22.9	21.5	20.1
65°	29.0	28.0	27.1	26.2	25.2	24.3	23.4	22.0	21.0	19.6	18.2
67.5°	26.6	26.2	25.7	25.2	24.8	23.8	22.4	21.5	20.1	18.7	16.8
70°	25.2	25.2	25.2	24.8	24.8	23.8	22.4	21.5	20.1	18.2	16.8
72.5°	23.8	24.3	24.8	24.8	25.2	23.8	22.4	21.0	19.6	17.8	16.3
75°	22.9	23.4	23.8	23.8	24.3	23.4	22.4	21.0	20.1	18.2	16.3
77.5°	23.4	23.8	23.8	24.3	24.3	23.4	22.4	21.0	20.1	17.8	15.4
80°	23.4	22.9	22.4	21.5	21.0	19.2	17.3	14.9	13.1	10.3	7.9
82.5°	18.2	17.3	16.8	15.9	14.9	13.1	11.2	9.3	7.5	5.6	3.7
85°	14.5	13.5	13.1	12.1	11.2	9.8	7.9	6.5	4.7	3.7	2.3
87.5°	7.5	7.0	6.1	5.6	4.7	3.7	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: P367425  
 CATALOG NUMBER: MSA-SA2C-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: P367425  
 CATALOG NUMBER: MSA-SA2C-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°	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5
2.5°	968.9	992.7	989.4	986.1	1001.6	1017.0	1005.8	995.0	983.8	972.6	949.2
5°	979.6	981.5	978.2	974.5	974.9	975.4	967.9	960.4	953.0	945.5	944.1
7.5°	782.5	789.9	800.2	810.0	810.5	810.5	804.9	799.3	793.2	787.6	790.4
10°	554.0	552.2	555.0	557.8	557.3	556.4	571.3	586.3	600.7	615.7	604.9
12.5°	410.1	412.5	400.8	389.1	393.3	397.1	399.4	401.7	404.1	406.4	413.0
15°	248.1	241.0	232.6	224.2	228.4	232.2	236.4	240.1	244.3	248.1	252.3
17.5°	172.8	170.5	166.8	162.6	163.0	163.5	164.0	164.4	164.4	164.9	165.8
20°	150.0	151.4	148.6	145.3	144.3	142.9	142.0	141.1	139.7	138.7	137.3
22.5°	132.2	133.1	133.6	133.6	131.7	129.4	127.5	126.1	124.3	122.4	121.5
25°	120.1	121.0	120.1	118.7	117.7	116.8	115.9	114.4	113.5	112.1	111.6
27.5°	109.8	111.2	111.2	110.7	109.8	108.4	106.0	104.2	101.8	99.5	100.0
30°	99.0	100.9	100.9	100.4	100.0	99.5	97.2	94.8	92.5	90.2	91.1
32.5°	91.1	92.0	91.6	91.1	91.1	90.6	88.8	87.4	85.5	83.6	83.6
35°	80.8	81.3	81.3	81.3	81.3	80.8	79.4	78.0	76.6	75.2	75.7
37.5°	73.3	73.3	74.7	75.7	74.7	73.8	72.9	71.5	70.5	69.1	69.1
40°	64.9	64.9	66.3	67.3	66.3	65.4	64.9	64.0	63.5	62.6	62.6
42.5°	57.5	57.5	58.9	59.8	59.8	59.3	58.4	57.5	56.5	55.6	56.1
45°	48.1	47.6	50.0	51.9	50.9	50.0	50.0	49.5	49.5	49.0	49.5
47.5°	39.7	39.2	41.1	43.0	42.5	41.6	41.6	41.6	41.6	41.6	42.0
50°	33.2	32.2	34.1	35.5	35.0	34.1	34.1	34.6	34.6	34.6	35.0
52.5°	28.5	27.6	29.0	29.9	29.4	29.0	29.0	29.4	29.4	29.4	29.9
55°	25.2	24.3	25.7	26.6	26.2	25.2	25.7	25.7	26.2	26.2	26.2
57.5°	22.4	21.0	22.0	22.9	22.9	22.4	22.9	22.9	23.4	23.4	23.4
60°	20.6	19.2	20.1	20.6	20.6	20.1	20.6	20.6	21.0	21.0	21.0
62.5°	18.2	16.8	17.8	18.2	18.2	17.8	18.2	18.2	18.7	18.7	18.7
65°	16.3	14.9	15.4	15.9	15.9	15.9	16.3	16.3	16.8	16.8	16.8
67.5°	15.4	13.5	14.0	14.5	14.5	14.5	14.9	14.9	15.4	15.4	15.9
70°	14.9	13.1	13.5	13.5	14.0	14.0	14.0	14.5	14.5	14.5	14.5
72.5°	14.5	12.6	12.6	12.6	13.1	13.1	13.1	13.5	13.5	13.5	13.5
75°	14.5	12.6	12.1	11.7	12.1	12.1	12.1	12.6	12.6	12.6	12.6
77.5°	12.6	10.3	9.3	7.9	9.3	10.3	10.7	10.7	11.2	11.2	11.2
80°	5.1	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: P367425  
 CATALOG NUMBER: MSA-SA2C-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: P367425  
 CATALOG NUMBER: MSA-SA2C-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5
2.5°	925.9	902.5	879.2	890.4	901.6	912.8	924.0	923.1	921.7	920.7	919.3
5°	943.2	941.8	940.4	933.8	927.7	921.2	914.7	913.3	911.4	910.0	908.1
7.5°	793.2	795.5	798.3	790.9	783.4	775.9	768.4	749.3	730.1	710.5	691.4
10°	594.2	583.0	572.2	571.3	570.4	569.4	568.5	566.6	564.8	562.4	560.6
12.5°	420.0	426.5	433.0	430.7	428.4	425.6	423.2	426.5	430.2	433.5	436.8
15°	256.0	260.2	263.9	272.3	280.8	289.2	297.6	300.8	304.6	307.8	311.1
17.5°	166.8	167.2	168.2	177.5	186.4	195.7	204.6	210.7	216.8	222.4	228.4
20°	135.9	134.5	133.1	138.3	143.4	148.6	153.7	159.3	164.9	170.5	176.1
22.5°	121.0	120.1	119.1	121.0	122.9	124.3	126.1	130.3	135.0	139.2	143.4
25°	111.2	110.2	109.8	110.7	111.6	112.6	113.5	115.9	118.2	120.5	122.9
27.5°	100.0	100.4	100.4	101.4	101.8	102.8	103.2	104.2	105.6	106.5	107.4
30°	91.6	92.5	93.0	93.9	94.4	95.3	95.8	95.3	94.8	94.4	93.9
32.5°	83.6	83.2	83.2	84.1	84.6	85.5	86.0	86.9	87.8	88.3	89.2
35°	75.7	76.1	76.1	76.1	76.6	76.6	76.6	77.5	78.9	79.9	80.8
37.5°	68.7	68.7	68.2	69.6	70.5	71.9	72.9	73.8	75.2	76.1	77.1
40°	62.6	62.6	62.6	63.5	64.5	64.9	65.9	68.2	70.5	72.9	75.2
42.5°	56.1	56.5	56.5	57.5	58.4	58.9	59.8	61.7	63.1	64.9	66.3
45°	50.0	50.5	50.9	51.9	52.3	53.3	53.7	54.7	55.1	56.1	56.5
47.5°	43.0	43.4	43.9	44.8	45.3	46.2	46.7	46.2	46.2	45.8	45.3
50°	36.0	36.4	36.9	38.3	39.2	40.6	41.6	40.6	39.7	38.3	37.4
52.5°	30.4	30.4	30.8	31.8	32.7	33.2	34.1	33.6	33.2	32.7	32.2
55°	26.2	26.2	26.2	26.6	27.1	27.6	28.0	28.5	28.5	29.0	29.0
57.5°	23.4	22.9	22.9	23.4	23.8	23.8	24.3	24.8	24.8	25.2	25.2
60°	21.0	20.6	20.6	21.0	21.5	22.0	22.4	22.4	22.4	22.0	22.0
62.5°	18.7	18.7	18.7	19.2	19.2	19.6	19.6	19.6	20.1	20.1	20.1
65°	17.3	17.3	17.3	17.3	17.3	16.8	16.8	17.3	17.3	17.8	17.8
67.5°	15.9	16.3	16.3	15.9	15.4	14.9	14.5	14.9	14.9	15.4	15.4
70°	14.5	14.5	14.5	14.0	13.5	13.1	12.6	12.6	12.6	12.1	12.1
72.5°	13.5	13.1	13.1	12.6	11.7	11.2	10.3	9.8	9.8	9.3	8.9
75°	12.6	12.1	12.1	11.2	10.3	9.3	8.4	7.9	7.0	6.5	5.6
77.5°	11.2	11.2	11.2	9.8	8.9	7.5	6.1	5.1	4.2	2.8	1.9
80°	3.7	4.2	4.7	4.2	4.2	3.7	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: P367425  
 CATALOG NUMBER: MSA-SA2C-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: P367425  
 CATALOG NUMBER: MSA-SA2C-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°	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5
2.5°	924.5	929.6	934.7	939.9	940.4	940.8	941.3	941.8	930.1	917.9	906.3
5°	917.5	927.3	936.6	946.0	940.8	935.7	930.5	925.4	924.9	924.9	924.5
7.5°	692.8	693.7	695.1	696.0	697.9	699.8	701.2	703.0	710.5	718.0	725.0
10°	554.5	548.4	541.9	535.8	531.1	526.0	521.3	516.2	519.9	524.1	527.9
12.5°	431.6	426.5	420.9	415.8	413.9	412.0	409.7	407.8	420.0	432.1	443.8
15°	310.2	309.2	307.8	306.9	313.0	319.1	325.1	331.2	341.5	351.3	361.6
17.5°	230.8	233.1	235.4	237.8	241.5	245.2	248.5	252.3	259.7	267.7	275.1
20°	178.9	182.2	185.0	187.8	186.9	185.9	184.5	183.6	189.7	195.7	201.3
22.5°	146.2	148.6	151.4	153.7	154.2	154.6	155.1	155.6	159.3	162.6	166.3
25°	125.2	128.0	130.3	132.7	133.1	133.6	134.1	134.5	139.2	143.9	148.1
27.5°	110.7	113.5	116.8	119.6	120.5	121.5	122.4	123.3	126.1	128.5	131.3
30°	97.6	101.4	105.1	108.8	110.2	111.6	113.0	114.4	117.3	120.5	123.3
32.5°	91.1	93.4	95.3	97.2	100.4	103.2	106.5	109.3	112.6	116.3	119.6
35°	83.6	86.0	88.8	91.1	93.4	95.8	97.6	100.0	101.8	103.7	105.1
37.5°	78.9	81.3	83.2	85.0	86.0	86.9	87.4	88.3	89.2	90.2	90.6
40°	75.2	74.7	74.7	74.3	75.2	76.6	77.5	78.5	81.3	83.6	86.4
42.5°	65.4	64.0	63.1	61.7	64.0	65.9	68.2	70.1	73.8	77.5	81.3
45°	55.6	54.7	53.3	52.3	55.6	58.9	62.1	65.4	69.6	73.3	77.5
47.5°	45.8	46.2	46.2	46.7	50.0	53.3	56.1	59.3	63.5	67.7	71.9
50°	38.3	39.2	40.2	41.1	44.4	47.2	50.5	53.3	57.9	62.1	66.8
52.5°	33.6	35.0	36.0	37.4	40.2	43.4	46.2	49.0	53.3	57.5	61.7
55°	30.4	32.2	33.6	35.0	37.4	39.7	42.0	44.4	48.6	52.8	56.5
57.5°	26.6	28.0	29.4	30.8	33.2	35.5	37.4	39.7	43.4	47.6	51.4
60°	23.4	24.3	25.7	26.6	28.5	30.8	32.7	34.6	38.3	42.0	45.3
62.5°	20.6	21.5	22.0	22.4	24.3	26.2	28.0	29.9	33.2	36.9	40.2
65°	18.2	18.7	18.7	19.2	20.6	22.4	23.8	25.2	29.0	32.2	36.0
67.5°	15.4	15.9	15.9	15.9	17.3	18.7	20.1	21.5	24.8	28.5	31.8
70°	12.1	12.6	12.6	12.6	14.0	15.9	17.3	18.7	21.5	24.3	27.1
72.5°	9.3	9.3	9.8	9.8	11.2	13.1	14.5	15.9	18.2	20.6	22.9
75°	6.1	6.5	6.5	7.0	8.4	10.3	11.7	13.1	15.4	17.8	19.6
77.5°	2.3	3.3	3.7	4.2	5.6	7.0	8.4	9.8	11.7	14.0	15.9
80°	0.0	0.5	0.5	0.5	1.4	1.9	2.8	3.3	4.7	6.5	7.9
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: P367425  
 CATALOG NUMBER: MSA-SA2C-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: P367425  
 CATALOG NUMBER: MSA-SA2C-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5
2.5°	894.1	919.8	945.5	971.2	996.9	1028.6	1060.4	1065.1	1069.8	1064.1	1059.0
5°	924.0	936.6	948.8	961.4	973.5	1010.0	1045.9	1046.4	1046.4	1046.9	1046.9
7.5°	732.5	743.2	754.0	764.2	775.0	798.8	822.6	831.5	839.9	838.1	836.2
10°	531.6	545.6	559.2	573.2	586.7	608.7	630.6	639.0	647.0	672.7	698.8
12.5°	455.9	469.5	483.0	496.1	509.7	532.1	554.5	570.8	586.7	602.6	618.5
15°	371.4	382.1	393.3	404.1	414.8	425.1	435.4	455.5	475.1	491.0	506.8
17.5°	282.6	287.3	291.5	296.2	300.4	305.0	309.7	318.1	326.1	340.1	353.6
20°	207.4	211.1	214.9	218.2	221.9	226.6	231.2	237.3	242.9	246.2	249.0
22.5°	169.6	175.2	180.8	185.9	191.5	194.8	198.1	199.9	201.8	203.2	204.6
25°	152.8	157.9	162.6	167.7	172.4	173.8	175.2	178.9	182.7	182.7	182.7
27.5°	133.6	140.6	148.1	155.1	162.1	164.0	165.4	166.8	167.7	165.8	163.5
30°	126.1	133.1	140.1	146.7	153.7	156.5	158.8	160.2	161.6	159.3	157.0
32.5°	122.9	129.4	135.5	142.0	148.1	151.8	155.1	158.8	162.1	162.6	163.5
35°	107.0	111.2	115.9	120.1	124.3	126.1	128.0	129.4	130.3	130.3	130.3
37.5°	91.6	97.2	103.2	108.8	114.4	118.7	122.9	123.3	123.3	124.3	125.7
40°	88.8	94.4	100.0	105.1	110.7	115.4	119.6	120.1	120.5	121.5	122.4
42.5°	85.0	91.1	97.2	103.2	109.3	114.0	118.2	118.2	117.7	119.1	120.1
45°	81.3	87.4	93.0	99.0	104.6	110.7	116.3	114.9	113.0	115.4	117.3
47.5°	76.1	82.7	89.2	95.3	101.8	107.4	112.6	111.6	110.2	112.6	114.9
50°	71.0	77.5	84.1	90.6	97.2	103.2	108.8	107.9	107.0	109.8	112.1
52.5°	65.9	72.4	79.4	86.0	92.5	97.6	102.3	101.8	101.4	104.2	107.4
55°	60.7	66.8	73.3	79.4	85.5	91.1	96.2	95.3	94.4	96.7	99.0
57.5°	55.1	61.2	66.8	72.9	78.5	83.2	87.4	86.0	84.6	87.4	90.2
60°	49.0	54.7	60.3	65.4	71.0	74.7	78.0	77.1	75.7	78.5	81.3
62.5°	43.4	48.6	53.7	58.4	63.5	66.3	69.1	68.2	67.3	70.1	73.3
65°	39.2	43.4	47.2	51.4	55.1	57.9	60.7	59.3	57.9	61.2	64.0
67.5°	35.0	38.3	42.0	45.3	48.6	50.9	53.3	52.3	50.9	53.3	55.6
70°	29.9	33.2	36.4	39.2	42.5	44.8	47.2	45.8	43.9	46.2	48.6
72.5°	25.2	28.0	30.8	33.2	36.0	37.8	39.7	38.3	36.9	38.8	40.6
75°	22.0	24.3	26.6	28.5	30.8	31.8	32.7	32.2	31.3	33.2	34.6
77.5°	17.8	19.6	22.0	23.8	25.7	25.7	25.7	26.2	26.2	28.0	30.4
80°	9.3	11.2	13.1	14.5	16.3	16.3	15.9	16.8	17.3	19.6	22.0
82.5°	0.0	1.4	2.8	4.2	5.6	5.1	4.2	4.7	4.7	5.6	6.5
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: P367425  
 CATALOG NUMBER: MSA-SA2C-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: P367425  
 CATALOG NUMBER: MSA-SA2C-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°	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5
2.5°	1053.4	1047.8	1044.1	1040.8	1037.1	1033.3	1038.0	1042.7	1046.9	1051.5	1065.5
5°	1047.3	1047.3	1044.1	1040.8	1037.5	1034.2	1041.3	1047.8	1054.8	1061.3	1060.9
7.5°	833.8	832.0	851.6	870.8	890.4	909.5	914.7	919.8	924.5	929.6	928.2
10°	724.5	750.2	758.6	767.0	775.5	783.9	794.1	804.4	814.7	825.0	828.7
12.5°	634.4	650.3	677.4	704.0	731.1	757.7	771.2	785.3	798.8	812.4	839.0
15°	522.7	538.6	562.0	585.3	608.7	632.0	653.5	675.5	697.0	718.5	750.7
17.5°	367.6	381.2	398.9	416.7	434.0	451.7	484.9	518.1	551.2	584.4	618.5
20°	252.3	255.1	263.5	272.3	280.8	289.2	319.1	349.4	379.3	409.2	454.1
22.5°	205.5	206.9	211.1	215.4	219.1	223.3	238.7	254.6	270.0	285.4	321.9
25°	182.2	182.2	185.0	187.8	190.6	193.4	201.8	210.2	218.2	226.6	249.9
27.5°	161.6	159.3	163.5	167.7	171.9	176.1	182.2	188.7	194.8	200.9	216.8
30°	154.6	152.3	157.4	162.6	167.7	172.8	178.9	185.0	190.6	196.7	207.4
32.5°	164.0	164.4	166.3	168.2	169.6	171.4	174.2	177.5	180.3	183.1	192.5
35°	130.3	130.3	133.6	136.9	139.7	142.9	148.1	153.2	158.4	163.5	173.3
37.5°	126.6	127.5	130.3	133.6	136.4	139.2	145.7	152.8	159.3	165.8	173.8
40°	122.9	123.8	127.5	131.3	135.0	138.7	145.3	151.4	157.9	164.0	171.4
42.5°	121.5	122.4	127.1	132.2	136.9	141.5	147.1	152.8	157.9	163.5	173.8
45°	119.6	121.5	127.1	133.1	138.7	144.3	149.5	154.6	159.8	164.9	177.5
47.5°	116.8	119.1	125.7	131.7	138.3	144.3	154.2	164.4	174.2	184.1	190.1
50°	114.9	117.3	124.3	131.3	138.3	145.3	161.2	177.0	192.5	208.3	205.1
52.5°	110.2	113.0	121.9	130.8	139.7	148.6	162.6	176.6	190.6	204.6	198.1
55°	101.4	103.7	114.0	124.3	134.1	144.3	154.6	164.9	174.7	185.0	177.5
57.5°	92.5	95.3	105.1	114.9	124.3	134.1	139.2	144.3	149.5	154.6	151.8
60°	84.1	86.9	100.0	113.0	126.1	139.2	134.5	129.9	124.7	120.1	123.3
62.5°	76.1	78.9	91.6	103.7	116.3	128.5	121.9	115.4	108.8	102.3	107.4
65°	67.3	70.1	74.7	79.9	84.6	89.2	88.8	87.8	87.4	86.4	92.0
67.5°	57.9	60.3	62.6	65.4	67.7	70.1	71.5	73.3	74.7	76.1	80.8
70°	50.5	52.8	55.6	57.9	60.7	63.1	64.0	64.9	65.4	66.3	70.5
72.5°	42.0	43.9	47.6	51.4	54.7	58.4	58.9	58.9	59.3	59.3	62.6
75°	36.4	37.8	40.6	43.4	45.8	48.6	50.0	51.4	52.3	53.7	55.6
77.5°	32.2	34.1	35.0	35.5	36.4	36.9	37.8	38.8	39.7	40.6	41.1
80°	23.8	26.2	27.1	27.6	28.5	29.0	29.0	28.5	28.5	28.0	28.5
82.5°	7.5	8.4	9.8	11.2	12.6	14.0	14.5	14.9	14.9	15.4	14.9
85°	1.4	1.9	2.8	3.7	4.2	5.1	4.7	3.7	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: P367425  
 CATALOG NUMBER: MSA-SA2C-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: P367425  
 CATALOG NUMBER: MSA-SA2C-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5
2.5°	1079.6	1093.1	1107.1	1101.5	1095.9	1090.3	1084.7	1085.6	1087.0	1088.0	1088.9
5°	1060.4	1059.5	1059.0	1074.9	1091.2	1107.1	1123.0	1140.3	1158.0	1175.3	1192.6
7.5°	926.8	924.9	923.5	944.1	964.6	985.2	1005.8	1029.6	1053.9	1077.7	1101.5
10°	832.4	836.2	839.9	848.3	857.2	865.6	874.0	896.9	919.8	942.2	965.1
12.5°	865.6	891.8	918.4	923.5	928.2	933.3	938.0	941.3	944.6	947.8	951.1
15°	783.4	815.6	847.9	861.4	874.5	888.0	901.1	935.7	969.8	1004.4	1038.5
17.5°	652.6	686.2	720.3	761.0	801.6	842.3	882.9	920.3	957.6	995.0	1032.4
20°	499.4	544.2	589.1	640.5	692.3	743.7	795.1	832.4	869.3	906.7	943.6
22.5°	358.8	395.2	431.6	493.8	555.4	617.6	679.2	744.2	809.6	874.5	939.4
25°	273.3	296.2	319.5	380.7	441.9	502.6	563.8	653.1	742.3	831.5	920.7
27.5°	232.2	248.1	263.5	318.6	373.7	428.4	483.5	589.5	695.6	801.6	907.7
30°	218.6	229.4	240.1	286.8	334.0	380.7	427.4	534.9	642.3	749.8	857.2
32.5°	201.8	210.7	220.0	261.1	302.2	342.9	384.0	489.1	594.2	698.8	803.9
35°	182.7	192.5	201.8	242.9	284.0	324.7	365.8	474.6	583.5	692.3	801.1
37.5°	181.3	189.2	196.7	244.3	292.4	340.1	387.7	496.6	605.4	713.8	822.6
40°	179.4	186.9	194.3	242.9	291.0	339.6	387.7	501.7	615.7	729.7	843.7
42.5°	184.1	193.9	204.1	247.1	290.1	332.6	375.6	495.6	615.7	735.3	855.3
45°	190.6	203.2	215.8	255.1	294.3	333.5	372.8	503.1	633.4	763.3	893.6
47.5°	196.7	202.7	208.8	246.2	283.1	320.5	357.4	490.5	623.6	756.8	889.9
50°	202.3	199.0	195.7	236.8	277.9	318.6	359.7	486.8	613.4	740.4	867.0
52.5°	191.1	184.5	177.5	221.4	265.3	308.8	352.7	480.7	608.7	736.7	864.7
55°	170.0	162.6	155.1	198.5	241.5	285.0	327.9	455.5	583.0	710.5	838.1
57.5°	148.6	145.7	142.5	175.6	208.8	241.5	274.7	416.2	558.2	699.8	841.3
60°	126.6	129.4	132.7	156.5	180.3	203.7	227.5	366.2	504.5	643.3	781.5
62.5°	112.1	117.3	121.9	142.0	162.6	182.7	202.7	333.5	464.3	595.1	725.9
65°	98.1	103.7	109.3	133.1	157.4	181.3	205.1	315.8	426.5	537.2	647.9
67.5°	85.5	89.7	94.4	125.7	157.0	188.3	219.6	310.2	400.3	491.0	581.1
70°	74.7	78.5	82.7	119.1	155.6	192.0	228.4	305.5	383.1	460.1	537.2
72.5°	65.9	69.1	72.4	109.3	146.2	183.1	220.0	288.7	356.9	425.6	493.8
75°	57.5	58.9	60.7	92.0	122.9	154.2	185.0	230.8	277.0	322.8	368.6
77.5°	41.6	41.6	42.0	51.4	60.3	69.6	78.5	107.0	135.5	163.5	192.0
80°	28.5	29.0	29.0	32.7	36.0	39.7	43.0	49.0	54.7	60.7	66.3
82.5°	14.5	13.5	13.1	16.8	20.6	24.3	28.0	29.4	30.4	31.8	32.7
85°	1.4	0.5	0.0	2.3	4.7	7.0	9.3	11.2	13.1	14.9	16.8
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: P367425  
 CATALOG NUMBER: MSA-SA2C-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: P367425

CATALOG NUMBER: MSA-SA2C-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°	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5
2.5°	1085.2	1081.4	1077.7	1074.0	1096.8	1120.2	1143.1	1166.0	1230.9	1273.4	1268.8
5°	1209.4	1226.2	1243.1	1259.9	1287.0	1314.5	1341.6	1368.7	1465.0	1523.8	1532.2
7.5°	1127.7	1153.4	1179.5	1205.2	1257.5	1309.4	1361.7	1413.6	1492.5	1553.7	1588.3
10°	994.5	1024.0	1052.9	1082.4	1141.2	1200.6	1259.4	1318.3	1407.0	1491.6	1535.0
12.5°	997.3	1043.6	1089.8	1136.1	1187.5	1238.9	1289.8	1341.2	1395.3	1423.8	1485.0
15°	1074.9	1111.3	1147.8	1184.2	1251.5	1318.7	1385.5	1452.8	1485.0	1553.7	1625.2
17.5°	1103.4	1174.9	1245.9	1316.9	1401.0	1484.6	1568.7	1652.3	1713.0	1808.3	1882.1
20°	1050.6	1157.6	1264.1	1371.1	1486.4	1601.8	1717.2	1832.6	1898.9	1989.6	2103.5
22.5°	1052.9	1166.5	1279.5	1393.0	1552.3	1711.1	1870.4	2029.3	2207.2	2382.0	2437.5
25°	1069.3	1217.8	1365.9	1514.5	1698.5	1882.6	2066.6	2250.7	2465.6	2649.2	2723.0
27.5°	1074.9	1242.1	1408.9	1576.1	1837.7	2099.3	2360.9	2622.5	2879.0	3086.4	3165.3
30°	1061.3	1266.0	1470.1	1674.2	1995.2	2316.1	2637.0	2957.9	3201.3	3442.8	3540.9
32.5°	1064.6	1325.3	1585.9	1846.6	2224.5	2602.9	2980.8	3358.7	3514.3	3732.0	3904.8
35°	1087.0	1372.9	1658.4	1944.2	2362.3	2780.4	3198.5	3616.6	3871.7	4101.5	4248.2
37.5°	1139.4	1456.1	1772.3	2089.1	2602.9	3117.2	3631.1	4144.9	4539.7	4934.4	5001.7
40°	1178.1	1512.6	1847.1	2181.5	2778.1	3374.6	3971.2	4567.7	5014.3	5442.7	5488.4
42.5°	1222.0	1588.3	1955.0	2321.2	2988.3	3655.4	4322.5	4989.5	5506.7	5943.4	5973.8
45°	1270.2	1647.1	2023.7	2400.2	3099.0	3797.4	4496.2	5194.6	5798.6	6305.9	6191.5
47.5°	1293.0	1696.2	2099.3	2502.5	3251.8	4000.6	4749.9	5498.7	6040.6	6488.1	6354.5
50°	1310.8	1754.1	2197.9	2641.2	3426.9	4212.7	4998.4	5784.1	6327.4	6740.4	6531.1
52.5°	1360.8	1856.4	2352.5	2848.2	3683.9	4519.1	5354.8	6190.1	6715.6	7094.9	6801.6
55°	1409.4	1980.2	2551.5	3122.4	4021.1	4920.4	5819.2	6718.0	7241.2	7566.3	7167.8
57.5°	1470.6	2100.3	2729.5	3358.7	4320.1	5281.5	6242.4	7203.8	7715.3	8074.5	7660.6
60°	1454.7	2127.4	2800.5	3473.2	4452.3	5431.4	6410.6	7389.7	7997.5	8438.9	8158.1
62.5°	1393.0	2060.1	2726.7	3393.8	4355.6	5317.0	6278.8	7240.2	7968.5	8566.4	8472.1
65°	1268.3	1888.2	2508.5	3128.4	4046.8	4965.7	5884.1	6802.5	7701.3	8462.3	8495.9
67.5°	1104.3	1627.5	2150.2	2673.4	3530.2	4386.9	5243.2	6099.9	7160.8	8048.4	8148.3
70°	930.5	1323.4	1716.7	2109.6	2863.6	3617.5	4371.0	5125.0	6227.9	7121.1	7309.8
72.5°	746.0	998.7	1251.0	1503.3	2047.5	2591.2	3135.4	3679.2	4649.5	5342.7	5672.0
75°	483.5	598.4	713.3	828.2	1190.7	1552.8	1915.3	2277.3	2921.5	3432.1	3804.4
77.5°	215.4	238.7	261.6	285.0	564.8	844.6	1124.4	1404.2	1684.0	1992.4	2079.7
80°	77.1	87.4	98.1	108.4	245.7	383.5	520.9	658.2	793.7	953.0	991.7
82.5°	32.2	32.2	31.8	31.3	80.3	129.4	178.4	227.5	263.0	302.2	309.7
85°	13.1	9.8	6.1	2.3	10.3	18.7	26.6	34.6	55.6	50.5	93.4
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: P367425  
 CATALOG NUMBER: MSA-SA2C-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: P367425

CATALOG NUMBER: MSA-SA2C-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5
2.5°	1251.0	1250.1	1249.1	1248.2	1247.3	1230.4	1214.1	1197.3	1180.9	1201.5	1222.0
5°	1518.7	1543.0	1567.3	1592.0	1616.3	1623.3	1630.3	1637.3	1644.3	1659.3	1674.2
7.5°	1617.2	1658.4	1699.0	1740.1	1780.7	1818.6	1856.0	1893.8	1931.6	1922.3	1912.9
10°	1583.1	1657.4	1731.7	1806.4	1880.7	1897.1	1913.4	1930.2	1946.6	1989.1	2031.6
12.5°	1546.2	1635.5	1724.7	1813.9	1903.1	1952.6	2001.7	2051.2	2100.7	2143.7	2186.7
15°	1721.4	1778.4	1835.4	1892.9	1949.8	1993.3	2036.3	2079.7	2122.7	2152.6	2182.0
17.5°	1951.7	1979.7	2007.8	2036.3	2064.3	2098.4	2132.5	2166.6	2200.7	2218.5	2236.2
20°	2195.1	2207.2	2219.4	2231.5	2243.7	2216.6	2189.5	2162.4	2135.3	2152.1	2168.5
22.5°	2439.4	2443.6	2448.3	2452.5	2456.7	2393.6	2330.6	2267.5	2204.4	2177.8	2151.2
25°	2815.5	2784.6	2753.8	2723.0	2692.1	2617.4	2542.6	2467.9	2393.2	2327.3	2261.4
27.5°	3222.8	3118.2	3014.0	2909.4	2805.2	2730.4	2655.7	2581.0	2506.2	2407.2	2308.1
30°	3633.4	3464.8	3296.6	3128.0	2959.8	2871.0	2782.3	2693.1	2604.3	2505.3	2406.7
32.5°	4009.9	3807.2	3604.5	3401.3	3198.5	3049.0	2899.5	2750.1	2600.6	2531.4	2462.3
35°	4322.0	4082.3	3842.7	3602.6	3362.9	3214.9	3066.8	2918.7	2770.6	2667.8	2565.5
37.5°	4855.5	4585.9	4316.4	4046.8	3777.3	3575.0	3373.2	3171.0	2968.7	2900.0	2831.3
40°	5347.4	5007.8	4668.1	4328.5	3988.9	3819.3	3650.2	3480.7	3311.6	3199.0	3086.9
42.5°	5738.4	5380.5	5023.2	4665.3	4307.5	4139.8	3972.6	3804.9	3637.2	3561.9	3487.2
45°	5822.9	5485.6	5148.8	4811.6	4474.3	4376.6	4279.5	4181.8	4084.7	4032.8	3981.4
47.5°	5989.7	5623.9	5258.6	4892.8	4527.1	4483.2	4439.2	4394.9	4351.0	4375.7	4400.5
50°	6083.1	5709.9	5336.6	4963.4	4590.1	4602.7	4614.9	4627.5	4640.1	4815.8	4990.9
52.5°	6264.4	5887.4	5510.4	5133.4	4756.4	4835.8	4914.8	4994.2	5073.2	5315.1	5556.6
55°	6588.1	6217.6	5847.2	5476.3	5105.9	5210.5	5315.1	5420.2	5524.9	5781.8	6038.3
57.5°	7067.8	6700.2	6333.0	5965.4	5598.2	5702.4	5806.6	5910.7	6014.9	6247.1	6478.8
60°	7671.9	7294.4	6917.4	6540.0	6163.0	6202.2	6241.0	6280.2	6319.5	6568.9	6817.9
62.5°	8142.3	7795.2	7448.6	7101.5	6754.9	6711.4	6668.4	6625.0	6582.0	6771.7	6960.9
65°	8251.6	8007.3	7763.4	7519.1	7274.8	7141.2	7008.0	6874.4	6740.8	6817.5	6894.1
67.5°	7938.6	7773.7	7609.3	7444.4	7279.5	7000.6	6721.7	6442.3	6163.5	6122.8	6082.2
70°	7212.2	7122.0	7032.3	6942.2	6852.5	6422.7	5993.4	5563.6	5134.3	5031.1	4927.9
72.5°	5691.2	5747.2	5803.3	5859.8	5915.9	5455.7	4996.1	4535.9	4075.8	3945.0	3814.7
75°	4013.2	4203.3	4393.5	4583.6	4773.7	4354.2	3935.2	3515.7	3096.2	2970.5	2845.4
77.5°	2175.9	2532.4	2888.8	3245.2	3601.7	3255.5	2909.8	2563.7	2217.5	2130.2	2043.3
80°	1031.4	1237.0	1442.1	1647.6	1853.1	1775.1	1697.1	1618.6	1540.6	1559.8	1578.9
82.5°	316.3	464.8	613.4	761.9	910.5	922.1	933.3	945.0	956.7	985.7	1014.2
85°	106.0	145.3	184.5	223.8	263.0	332.1	401.3	470.9	540.0	495.2	450.8
87.5°	0.0	1.4	2.3	3.7	4.7	14.5	24.3	34.1	43.9	37.8	32.2
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: P367425  
 CATALOG NUMBER: MSA-SA2C-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: P367425

CATALOG NUMBER: MSA-SA2C-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°	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5
2.5°	1243.1	1263.6	1264.1	1265.0	1265.5	1266.0	1268.3	1270.6	1273.4	1275.8	1260.3
5°	1689.6	1704.6	1677.0	1649.5	1621.4	1593.9	1618.6	1643.4	1668.2	1692.9	1682.2
7.5°	1903.1	1893.8	1890.5	1887.7	1884.4	1881.6	1891.0	1900.3	1909.7	1919.0	1918.1
10°	2074.1	2116.6	2126.9	2137.2	2147.9	2158.2	2136.7	2115.2	2093.7	2072.2	2063.4
12.5°	2229.7	2272.6	2306.7	2340.8	2375.4	2409.5	2378.7	2348.3	2317.5	2287.1	2258.2
15°	2211.9	2241.3	2269.4	2297.4	2325.4	2353.5	2343.2	2333.4	2323.1	2312.8	2308.1
17.5°	2254.4	2272.2	2265.6	2259.1	2252.1	2245.5	2242.3	2239.5	2236.2	2232.9	2221.7
20°	2185.3	2202.1	2197.9	2194.2	2190.0	2185.8	2182.9	2180.1	2177.3	2174.5	2165.7
22.5°	2124.6	2097.9	2090.9	2084.4	2077.4	2070.8	2071.8	2072.7	2073.2	2074.1	2114.3
25°	2195.6	2129.7	2104.0	2078.3	2052.2	2026.5	2038.1	2049.3	2061.0	2072.7	2130.6
27.5°	2208.6	2109.6	2068.5	2027.4	1986.3	1945.2	1987.2	2029.3	2071.3	2113.3	2207.2
30°	2307.7	2209.1	2151.7	2094.7	2037.2	1980.2	2033.9	2087.7	2141.4	2195.1	2296.9
32.5°	2392.7	2323.6	2282.5	2241.3	2200.2	2159.1	2161.5	2163.3	2165.7	2168.0	2311.4
35°	2462.8	2360.5	2323.1	2286.2	2248.8	2211.9	2267.5	2323.1	2378.7	2434.3	2563.2
37.5°	2762.7	2694.0	2625.3	2557.1	2488.5	2420.3	2464.6	2509.0	2553.9	2598.2	2740.7
40°	2974.3	2862.2	2844.4	2827.1	2809.4	2792.1	2815.0	2837.4	2860.3	2883.2	3007.9
42.5°	3412.0	3336.8	3288.7	3241.0	3192.9	3145.3	3163.5	3181.7	3200.4	3218.6	3336.8
45°	3929.6	3877.7	3846.0	3814.2	3782.0	3750.2	3722.6	3695.6	3668.0	3640.9	3761.0
47.5°	4425.2	4450.0	4520.1	4589.7	4659.7	4729.3	4672.3	4615.4	4557.9	4500.9	4501.4
50°	5166.6	5341.8	5377.3	5412.3	5447.8	5482.8	5361.4	5239.9	5118.0	4996.5	4982.1
52.5°	5798.6	6040.1	6052.7	6065.4	6078.4	6091.1	6042.0	5993.0	5943.4	5894.4	5764.1
55°	6295.2	6551.7	6568.9	6585.8	6603.0	6619.9	6576.9	6534.4	6491.4	6448.4	6316.7
57.5°	6710.9	6942.6	6952.9	6962.7	6973.0	6983.3	6986.6	6989.8	6993.6	6996.8	6818.9
60°	7067.4	7316.8	7296.3	7276.2	7255.6	7235.5	7204.7	7173.9	7143.1	7112.2	6997.3
62.5°	7150.5	7340.2	7308.4	7277.1	7245.4	7214.1	7187.9	7162.2	7136.0	7109.9	7036.5
65°	6970.7	7047.3	7014.6	6981.9	6948.7	6916.0	6899.2	6882.9	6866.0	6849.2	6839.9
67.5°	6041.1	6000.4	6039.2	6078.0	6116.7	6155.5	6208.3	6261.1	6314.3	6367.1	6336.3
70°	4824.2	4720.9	4763.9	4806.4	4849.4	4891.9	4971.8	5051.7	5132.0	5211.9	5190.4
72.5°	3683.9	3553.1	3559.1	3565.2	3571.8	3577.8	3575.5	3573.6	3571.3	3569.0	3606.3
75°	2719.7	2594.0	2534.7	2475.4	2416.1	2356.7	2342.2	2327.8	2313.3	2298.8	2368.4
77.5°	1955.9	1869.0	1828.4	1788.2	1747.6	1707.4	1728.0	1748.5	1769.5	1790.1	1814.4
80°	1598.6	1617.7	1586.4	1555.6	1524.3	1493.0	1516.3	1539.2	1562.6	1585.9	1513.5
82.5°	1043.1	1071.6	975.4	879.2	782.9	686.7	745.1	803.5	862.3	920.7	890.8
85°	405.9	361.6	308.3	255.5	202.3	149.0	193.9	238.7	283.6	328.4	358.3
87.5°	26.2	20.6	16.3	12.1	7.5	3.3	7.0	10.7	14.9	18.7	31.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367425  
 CATALOG NUMBER: MSA-SA2C-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: P367425

CATALOG NUMBER: MSA-SA2C-730-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5	987.5
2.5°	1245.4	1230.0	1215.0	1185.6	1156.2	1126.7	1097.3	1138.4	1179.5	1220.6	1261.7
5°	1671.9	1661.2	1650.9	1653.7	1656.5	1659.8	1662.6	1668.6	1674.7	1680.3	1686.4
7.5°	1917.6	1916.7	1915.7	1894.3	1872.8	1850.8	1829.3	1840.1	1850.8	1861.6	1872.3
10°	2055.0	2046.1	2037.2	1990.0	1942.8	1895.2	1848.0	1827.5	1806.4	1785.9	1765.3
12.5°	2229.2	2199.8	2170.8	2120.4	2070.4	2019.9	1969.5	1950.8	1931.6	1912.9	1893.8
15°	2303.9	2299.3	2295.1	2259.1	2222.7	2186.7	2150.2	2086.3	2021.8	1957.8	1893.8
17.5°	2210.5	2198.8	2187.6	2244.6	2301.1	2358.1	2415.1	2348.8	2282.5	2216.1	2149.8
20°	2156.8	2147.9	2139.0	2245.1	2350.7	2456.7	2562.3	2532.8	2502.9	2473.5	2444.1
22.5°	2154.5	2195.1	2235.3	2328.2	2420.7	2513.7	2606.2	2657.1	2708.5	2759.4	2810.3
25°	2188.6	2246.9	2304.9	2459.0	2613.2	2767.8	2922.0	2980.4	3038.3	3096.7	3154.6
27.5°	2300.7	2394.6	2488.0	2622.5	2757.1	2892.1	3026.6	3154.1	3282.1	3409.7	3537.2
30°	2398.3	2500.1	2602.0	2762.2	2922.0	3082.2	3242.0	3401.7	3561.5	3721.2	3881.0
32.5°	2454.8	2598.7	2742.1	2936.9	3131.2	3326.0	3520.8	3696.0	3871.2	4045.9	4221.1
35°	2692.1	2821.5	2950.5	3165.8	3381.2	3597.0	3812.3	4029.1	4245.8	4462.1	4678.9
37.5°	2883.2	3026.1	3168.6	3404.1	3639.0	3874.5	4109.9	4409.3	4709.2	5008.7	5308.1
40°	3132.6	3257.4	3382.1	3602.6	3822.6	4043.1	4263.6	4643.4	5023.2	5402.5	5782.3
42.5°	3454.5	3572.7	3690.9	3926.8	4162.7	4398.6	4634.5	5054.9	5475.4	5895.3	6315.7
45°	3881.0	4001.5	4121.6	4309.4	4497.2	4685.0	4872.7	5319.8	5766.4	6213.4	6660.0
47.5°	4501.8	4502.3	4502.8	4638.2	4773.7	4909.7	5045.1	5495.4	5945.3	6395.6	6845.5
50°	4967.6	4952.6	4938.1	5008.2	5077.8	5147.9	5218.0	5632.3	6047.1	6461.5	6875.8
52.5°	5634.2	5503.9	5374.0	5415.6	5456.7	5498.2	5539.4	5890.2	6241.5	6592.3	6943.1
55°	6185.4	6053.7	5921.9	5906.5	5891.1	5875.7	5860.3	6183.1	6505.9	6828.7	7151.5
57.5°	6641.3	6463.4	6285.8	6250.3	6215.3	6179.8	6144.3	6484.9	6824.9	7165.5	7505.6
60°	6882.9	6767.9	6653.0	6630.1	6606.8	6583.9	6560.5	6839.9	7119.2	7398.6	7677.9
62.5°	6963.7	6890.3	6817.5	6860.4	6903.4	6946.9	6989.8	7112.7	7235.1	7357.9	7480.3
65°	6831.0	6821.7	6812.3	6900.6	6988.4	7076.7	7165.0	7134.6	7103.8	7073.4	7043.1
67.5°	6305.9	6275.1	6244.7	6438.6	6632.0	6825.9	7019.7	6872.6	6725.0	6577.8	6430.7
70°	5168.9	5147.0	5125.5	5404.8	5684.2	5964.0	6243.3	6064.9	5886.4	5708.0	5529.5
72.5°	3643.2	3680.6	3718.0	4047.3	4376.2	4705.5	5034.4	4854.5	4674.7	4494.8	4315.0
75°	2437.5	2507.1	2576.7	2915.9	3255.0	3594.6	3933.8	3722.6	3511.5	3300.4	3089.2
77.5°	1838.7	1863.0	1887.2	2101.7	2316.1	2531.0	2745.4	2571.1	2396.4	2222.2	2047.5
80°	1441.1	1368.3	1295.8	1366.4	1436.9	1507.5	1578.0	1473.8	1369.7	1266.0	1161.8
82.5°	860.9	831.0	801.1	839.5	877.3	915.6	953.9	909.1	863.7	818.9	773.6
85°	387.7	417.6	447.1	485.8	524.1	562.9	601.7	539.1	476.5	413.9	351.3
87.5°	43.4	56.1	68.7	85.0	101.4	117.7	134.1	104.6	74.7	45.3	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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 CATALOG NUMBER: MSA-SA2C-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





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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	987.5	987.5
2.5°	1285.6	1309.4
5°	1685.9	1685.0
7.5°	1844.3	1815.8
10°	1739.2	1713.0
12.5°	1827.0	1760.2
15°	1843.3	1792.9
17.5°	2067.6	1984.9
20°	2338.0	2231.5
22.5°	2664.6	2518.4
25°	2980.8	2807.0
27.5°	3433.0	3328.4
30°	3775.4	3669.4
32.5°	4149.1	4077.2
35°	4607.4	4535.5
37.5°	5326.8	5345.0
40°	5793.5	5804.7
42.5°	6359.2	6402.6
45°	6708.6	6757.2
47.5°	6913.2	6981.0
50°	6985.2	7094.5
52.5°	7078.1	7212.7
55°	7301.4	7451.4
57.5°	7625.1	7744.7
60°	7683.5	7689.1
62.5°	7393.9	7307.5
65°	6951.1	6859.0
67.5°	6375.1	6319.0
70°	5455.7	5381.9
72.5°	4177.6	4040.3
75°	2919.2	2749.1
77.5°	1958.3	1869.0
80°	1164.6	1166.9
82.5°	795.1	816.1
85°	347.1	342.4
87.5°	11.2	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: P367425  
CATALOG NUMBER: MSA-SA2C-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)