

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: P366634

Luminaire Tested: **MSA-SA1A-730-U-SLR**

Issue Date: 12/2/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P366634  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 12/2/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: MSA-SA1A-730-U-SLR  
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

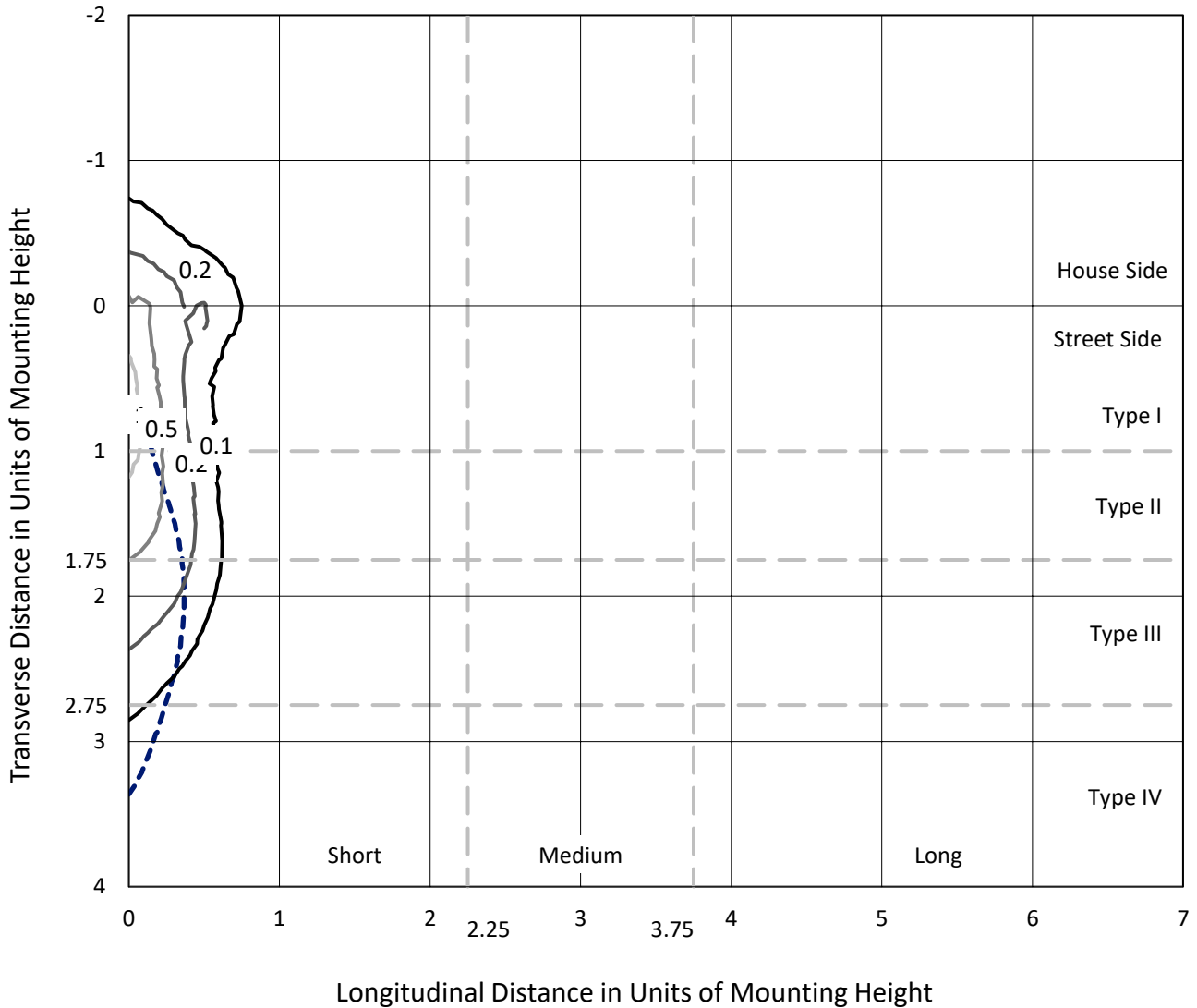
Lumens per Lamp: N/A  
Luminaire Lumens: 3153 lumens  
Efficiency: N/A  
Efficacy: 92.7 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G1  
  
Input Watts (W): 34  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

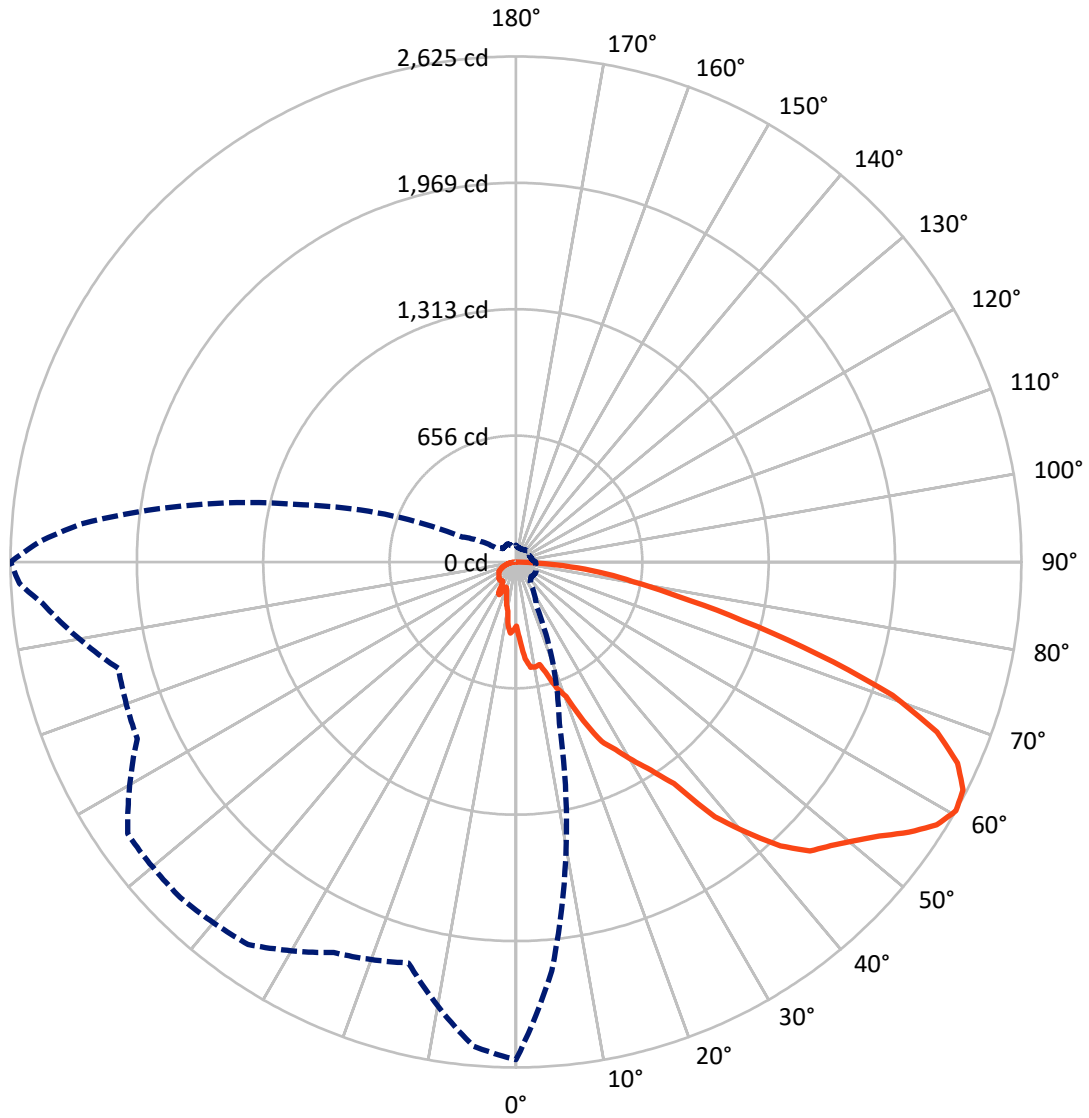
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.3 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 270-Deg Lateral    - - - Horizontal Cone Through 60-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	610.7	0.0	610.7
	% Fixture	19.4	0.0	19.4
<b>Street Side</b>	Lumens	2542.3	0.0	2542.3
	% Fixture	80.6	0.0	80.6
<b>Total</b>	Lumens	3153.0	0.0	3153.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	38.1	1.2
10°-20°	110.8	3.5
20°-30°	195.6	6.2
30°-40°	304.6	9.7
40°-50°	501.5	15.9
50°-60°	715.8	22.7
60°-70°	759.0	24.1
70°-80°	419.2	13.3
80°-90°	108.5	3.4
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°	3153.0	100.0
0°-180°	3153.0	100.0

**Coefficient of Utilization**



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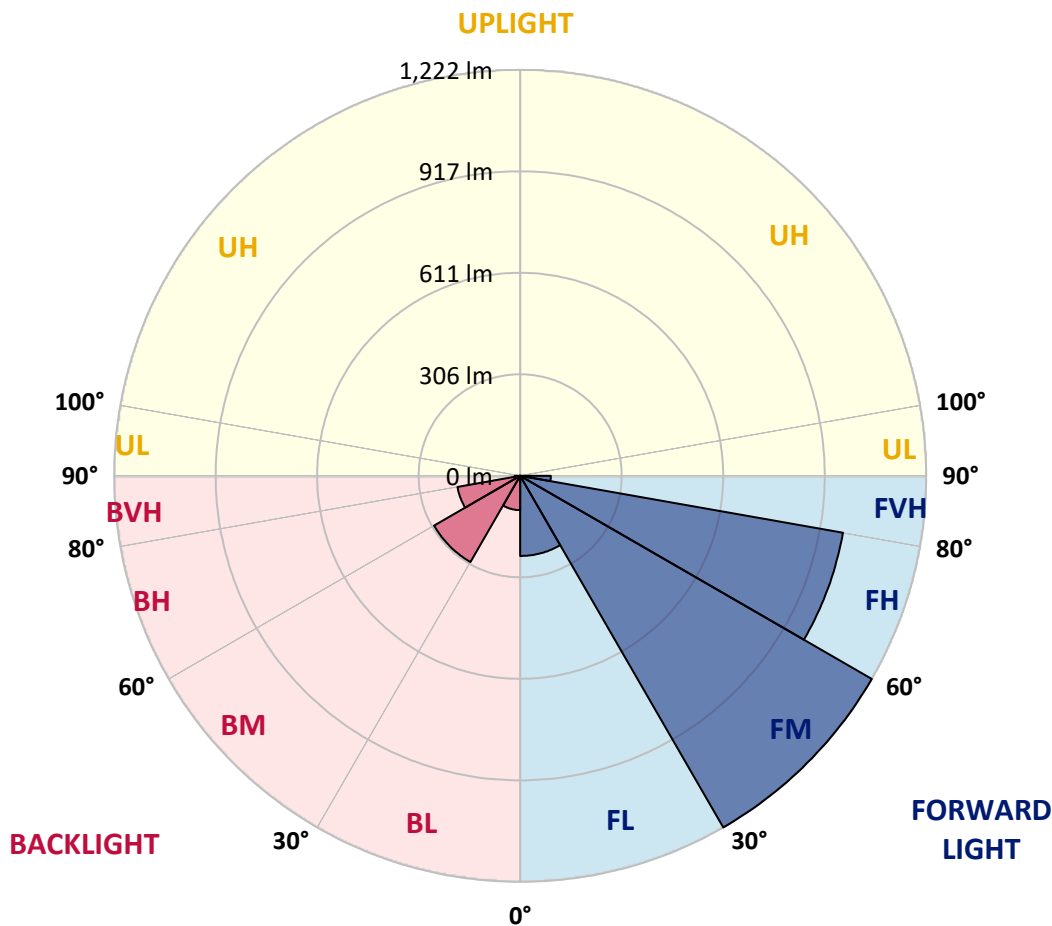
CATALOG NUMBER: MSA-SA1A-730-U-SLR

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	241.3	7.7			
FM (30°-60°)	1222.3	38.8			
FH (60°-80°)	986.6	31.3			G1/1800
FVH (80°-90°)	92.2	2.9			G1/100
BL (0°-30°)	103.2	3.3	B0/110		
BM (30°-60°)	299.6	9.5	B1/1000		
BH (60°-80°)	191.6	6.1	B1/500		G1/500
BVH (80°-90°)	16.3	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6
2.5°	445.4	448.1	450.7	445.5	440.3	434.9	429.7	421.9	414.0	406.2	398.2
5°	534.9	524.8	514.5	510.4	506.4	502.3	498.2	494.3	490.5	486.5	482.7
7.5°	562.9	548.5	534.0	527.8	521.7	515.4	509.3	495.5	481.8	467.8	454.1
10°	532.1	517.1	502.0	496.0	489.9	483.9	477.8	461.0	444.3	427.4	410.6
12.5°	556.9	541.6	526.2	507.2	488.2	469.1	450.1	440.8	431.4	421.9	412.6
15°	580.8	560.1	539.3	520.3	501.4	482.2	463.3	444.6	425.9	407.2	388.6
17.5°	668.0	633.6	599.2	564.9	530.4	496.2	461.7	440.1	418.4	396.8	375.1
20°	774.4	726.5	678.4	626.4	574.2	522.2	470.0	442.7	415.7	388.4	361.2
22.5°	901.0	840.5	780.1	714.4	648.7	582.9	517.3	477.8	438.3	398.7	359.2
25°	1001.5	943.3	885.2	801.9	718.7	635.4	552.2	507.3	462.5	417.5	372.7
27.5°	1099.1	1006.6	913.8	818.5	723.3	627.9	532.6	491.1	449.6	408.2	366.7
30°	1181.6	1108.2	1034.7	910.3	785.9	661.3	536.9	485.9	434.9	384.0	333.0
32.5°	1302.4	1197.6	1092.6	962.8	833.0	703.2	573.4	508.3	443.1	377.9	312.7
35°	1443.6	1334.7	1225.7	1065.2	904.8	744.2	583.7	514.7	445.5	376.5	307.3
37.5°	1707.0	1515.0	1322.7	1147.5	972.3	796.9	621.7	541.5	461.3	380.9	300.7
40°	1852.3	1674.7	1497.2	1278.8	1060.4	841.9	623.5	541.5	459.3	377.2	295.1
42.5°	2045.9	1821.3	1596.7	1360.5	1124.5	888.4	652.3	561.4	470.4	379.4	288.5
45°	2163.9	1913.6	1663.3	1410.9	1158.5	906.2	653.8	561.5	469.2	376.9	284.7
47.5°	2239.9	1999.6	1759.2	1487.6	1215.9	944.1	672.5	574.5	476.4	378.5	280.4
50°	2312.0	2074.0	1835.9	1553.8	1271.9	989.9	707.8	600.8	493.9	386.7	279.8
52.5°	2400.5	2181.3	1962.0	1659.4	1356.7	1054.2	751.4	635.0	518.5	402.0	285.6
55°	2529.2	2313.2	2097.1	1772.4	1447.5	1122.7	797.8	668.5	539.3	410.0	280.7
57.5°	2612.6	2393.6	2174.6	1843.4	1512.2	1180.9	849.7	706.4	563.2	419.8	276.5
60°	2584.9	2359.0	2132.9	1817.2	1501.5	1185.8	870.0	715.3	560.7	406.0	251.3
62.5°	2462.4	2222.3	1982.2	1699.4	1416.7	1133.9	851.1	693.7	536.6	379.2	221.9
65°	2291.3	2043.1	1794.7	1539.6	1284.5	1029.4	774.2	631.4	488.5	345.7	202.8
67.5°	2081.4	1822.6	1563.6	1337.7	1111.8	885.8	659.9	540.5	421.3	302.0	182.6
70°	1818.0	1563.6	1309.3	1113.8	918.4	723.0	527.5	437.7	348.0	258.2	168.3
72.5°	1461.2	1241.8	1022.3	868.5	714.7	560.9	407.1	344.6	282.4	219.9	157.5
75°	1039.3	910.3	781.3	661.6	541.9	422.1	302.4	262.0	221.6	181.2	140.8
77.5°	738.6	662.5	586.5	492.6	398.8	305.0	211.2	187.5	163.9	140.2	116.5
80°	546.1	482.5	419.0	348.3	277.6	206.9	136.2	124.6	113.1	101.5	89.8
82.5°	359.5	330.9	302.1	246.1	190.1	134.1	78.1	73.8	69.5	65.2	60.9
85°	161.0	170.0	178.9	144.6	110.2	75.9	41.5	39.5	37.5	35.5	33.5
87.5°	15.5	22.8	30.1	25.9	21.4	17.1	12.7	12.5	12.5	12.4	12.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	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°	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6
2.5°	400.4	402.5	404.6	406.8	404.5	402.2	399.7	397.4	394.5	391.6	388.6
5°	476.3	469.7	463.3	456.7	446.9	437.1	427.1	417.3	416.1	414.7	413.5
7.5°	442.0	430.0	418.0	405.9	390.6	375.4	360.1	344.8	340.2	335.6	331.0
10°	402.5	394.2	386.1	377.9	368.4	358.9	349.2	339.8	327.2	314.5	302.0
12.5°	399.1	385.7	372.0	358.6	352.8	346.9	341.1	335.3	324.3	313.3	302.1
15°	377.7	366.7	355.8	344.8	336.4	328.0	319.6	311.1	302.3	293.2	284.4
17.5°	362.6	350.0	337.5	324.9	315.3	305.6	295.8	286.2	275.5	264.6	253.9
20°	346.8	332.6	318.2	303.8	291.5	279.5	267.2	255.0	243.2	231.6	219.8
22.5°	340.4	321.5	302.7	283.9	271.0	258.0	245.2	232.2	221.3	210.4	199.6
25°	350.2	327.8	305.3	282.8	265.5	248.1	230.8	213.3	204.3	195.3	186.1
27.5°	338.7	310.5	282.5	254.4	235.8	217.2	198.6	180.0	178.6	177.2	175.7
30°	303.5	273.9	244.4	214.9	197.9	180.7	163.8	146.6	143.4	140.0	136.8
32.5°	282.5	252.4	222.2	192.1	176.9	161.6	146.5	131.2	127.5	123.8	120.1
35°	274.6	241.8	209.1	176.3	163.3	150.3	137.3	124.3	121.7	119.2	116.6
37.5°	268.1	235.7	203.1	170.5	157.9	145.4	132.7	120.1	118.1	116.2	114.2
40°	262.0	229.1	196.0	163.0	151.8	140.8	129.6	118.5	117.2	116.0	114.6
42.5°	256.5	224.5	192.4	160.4	150.4	140.6	130.7	120.7	119.5	118.3	117.1
45°	253.4	222.2	191.0	159.8	152.6	145.4	138.0	130.9	127.9	125.0	122.0
47.5°	251.1	221.9	192.7	163.4	155.9	148.5	141.0	133.5	130.9	128.2	125.5
50°	251.6	223.6	195.4	167.3	158.2	149.1	140.0	130.9	130.5	130.2	129.9
52.5°	255.7	226.0	196.2	166.4	156.6	146.8	136.8	127.0	129.0	130.9	132.8
55°	249.8	218.8	187.8	156.9	147.5	138.3	129.0	119.7	122.3	124.7	127.3
57.5°	243.0	209.5	176.0	142.5	135.4	128.4	121.2	114.2	116.9	119.8	122.6
60°	220.7	190.1	159.5	128.9	124.1	119.4	114.6	109.9	111.1	112.3	113.6
62.5°	196.2	170.3	144.6	118.8	115.1	111.3	107.6	103.8	103.8	103.9	103.9
65°	180.6	158.4	136.2	114.0	109.9	105.8	101.5	97.3	96.7	96.1	95.5
67.5°	165.0	147.5	129.9	112.3	106.4	100.5	94.6	88.6	87.8	87.2	86.5
70°	152.7	137.1	121.5	105.9	99.2	92.6	85.9	79.1	78.5	78.1	77.4
72.5°	142.8	128.2	113.6	98.9	91.8	84.6	77.6	70.4	69.9	69.5	68.9
75°	127.8	114.9	101.9	88.9	82.0	75.3	68.4	61.5	60.9	60.5	59.8
77.5°	105.8	94.9	84.2	73.3	68.0	62.7	57.4	52.0	51.7	51.4	51.0
80°	81.4	73.0	64.4	56.0	52.5	48.8	45.3	41.6	41.5	41.3	41.0
82.5°	55.9	50.8	45.8	40.7	38.1	35.4	32.8	30.0	30.1	30.3	30.5
85°	31.8	30.0	28.3	26.5	24.3	22.3	20.2	18.1	18.5	19.0	19.3
87.5°	11.6	11.0	10.4	9.8	8.7	7.8	6.7	5.7	6.0	6.4	6.7
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):**

	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: P366634  
 CATALOG NUMBER: MSA-SA1A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6
2.5°	385.7	381.1	376.5	371.9	367.3	357.8	348.5	339.0	329.5	335.3	341.3
5°	412.1	404.3	396.4	388.6	380.6	376.2	371.7	367.3	362.9	365.2	367.6
7.5°	326.4	321.8	317.1	312.5	307.8	305.8	303.9	302.0	300.0	305.6	311.3
10°	289.2	282.8	276.4	269.8	263.4	259.6	255.7	251.9	248.1	249.6	251.1
12.5°	291.1	281.6	272.1	262.6	253.1	247.5	241.8	236.1	230.5	231.9	233.2
15°	275.3	265.5	255.7	245.9	236.1	229.6	222.8	216.2	209.5	207.2	204.8
17.5°	243.0	232.3	221.6	210.9	200.2	195.7	191.3	186.9	182.4	180.0	177.5
20°	208.0	198.0	188.1	178.1	168.2	165.1	162.1	158.9	155.8	154.3	152.6
22.5°	188.7	182.6	176.3	170.2	163.9	160.4	157.0	153.5	150.0	148.3	146.5
25°	177.1	178.3	179.7	180.9	182.1	180.6	178.9	177.4	175.7	176.3	176.8
27.5°	174.3	176.9	179.7	182.3	184.9	186.3	187.6	189.0	190.4	190.8	191.3
30°	133.5	134.8	136.1	137.4	138.7	142.5	146.3	150.0	153.8	159.8	165.9
32.5°	116.5	116.0	115.5	114.9	114.5	115.4	116.3	117.1	118.0	120.1	122.4
35°	114.0	112.9	111.7	110.6	109.4	109.9	110.3	110.8	111.3	112.9	114.6
37.5°	112.2	111.7	111.4	111.0	110.5	111.6	112.5	113.6	114.5	115.9	117.2
40°	113.4	113.3	113.1	112.8	112.6	113.3	113.9	114.5	115.1	116.9	118.8
42.5°	115.9	115.9	115.7	115.7	115.5	116.2	116.6	117.2	117.7	118.8	119.8
45°	119.1	118.8	118.6	118.3	118.0	117.8	117.8	117.7	117.5	118.1	118.9
47.5°	122.9	121.8	120.6	119.5	118.3	118.0	117.5	117.2	116.8	117.1	117.4
50°	129.6	126.7	124.0	121.1	118.1	117.4	116.6	115.9	115.1	114.9	114.9
52.5°	134.7	130.4	126.1	121.8	117.5	116.2	114.8	113.4	112.0	111.7	111.6
55°	129.8	126.6	123.5	120.3	117.1	115.1	112.9	111.0	108.8	108.4	107.9
57.5°	125.3	123.4	121.4	119.4	117.4	115.4	113.3	111.3	109.1	108.0	107.0
60°	114.8	114.8	114.9	114.9	114.9	112.8	110.6	108.5	106.4	105.3	104.4
62.5°	103.9	105.6	107.1	108.8	110.3	107.4	104.4	101.5	98.4	97.6	97.0
65°	94.9	95.3	96.0	96.4	96.9	94.6	92.3	90.0	87.7	87.2	86.6
67.5°	85.7	85.6	85.4	85.1	84.9	83.6	82.0	80.7	79.1	78.5	77.9
70°	76.8	76.7	76.5	76.2	76.1	74.8	73.6	72.4	71.2	70.7	70.2
72.5°	68.4	68.3	68.0	67.8	67.5	66.4	65.5	64.4	63.4	62.7	62.1
75°	59.2	58.9	58.6	58.3	58.0	57.1	56.2	55.1	54.2	53.6	53.0
77.5°	50.7	50.2	49.7	49.1	48.7	47.9	47.0	46.2	45.3	44.5	43.9
80°	40.9	40.6	40.2	39.8	39.5	38.7	38.0	37.0	36.3	35.4	34.6
82.5°	30.6	30.5	30.1	30.0	29.7	28.9	28.2	27.4	26.6	25.7	24.8
85°	19.7	19.6	19.4	19.3	19.1	18.5	18.1	17.4	16.8	15.9	15.2
87.5°	7.0	6.7	6.6	6.3	6.0	5.8	5.5	5.4	5.1	4.6	4.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366634  
 CATALOG NUMBER: MSA-SA1A-730-U-SLR

**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: P366634  
 CATALOG NUMBER: MSA-SA1A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6
2.5°	347.1	352.9	353.1	353.1	355.8	358.4	353.1	347.7	342.2	336.8	331.5
5°	369.9	372.2	371.6	370.8	367.5	364.1	360.6	357.0	353.5	350.0	350.2
7.5°	316.9	322.6	327.2	331.6	327.4	323.1	320.8	318.5	316.2	313.9	313.6
10°	252.5	254.0	255.9	257.6	255.0	252.2	256.8	261.4	265.8	270.4	265.4
12.5°	234.6	236.0	232.8	229.4	228.3	227.3	226.2	225.0	223.9	222.7	222.1
15°	202.5	200.0	197.6	195.0	194.4	193.6	192.8	191.9	191.1	190.2	187.5
17.5°	175.1	172.6	168.5	164.2	162.5	160.7	160.2	159.8	159.2	158.7	156.1
20°	151.1	149.4	148.3	147.1	145.4	143.7	142.0	140.3	138.5	136.8	134.4
22.5°	144.8	142.9	141.6	140.0	139.7	139.4	136.4	133.1	130.1	126.9	125.5
25°	177.4	177.8	169.4	160.8	160.1	159.3	153.8	148.1	142.6	137.0	132.2
27.5°	191.6	192.1	191.8	191.5	189.0	186.4	177.1	167.6	158.2	148.8	142.0
30°	171.9	177.8	180.1	182.4	180.7	178.9	169.1	159.5	149.7	139.9	135.4
32.5°	124.6	126.7	130.5	134.2	136.2	138.0	135.0	131.9	128.9	125.8	125.0
35°	116.2	117.8	118.6	119.4	118.1	116.9	114.6	112.3	109.9	107.6	107.1
37.5°	118.5	119.8	121.4	122.9	119.5	116.0	113.4	111.0	108.4	105.8	103.6
40°	120.6	122.4	123.4	124.3	120.9	117.5	114.3	111.3	108.0	104.8	102.7
42.5°	120.9	122.0	123.7	125.3	120.6	115.7	112.8	109.7	106.8	103.8	101.6
45°	119.5	120.1	121.7	123.2	117.7	112.0	109.4	106.7	104.1	101.3	99.5
47.5°	117.5	117.8	119.1	120.1	114.3	108.4	105.9	103.5	100.9	98.4	96.6
50°	114.8	114.6	115.5	116.3	110.3	104.4	101.9	99.6	97.2	94.7	93.2
52.5°	111.3	111.0	111.9	112.6	106.4	100.1	97.9	96.0	93.8	91.7	90.4
55°	107.3	106.8	107.6	108.4	102.2	96.0	94.1	92.1	90.3	88.3	87.2
57.5°	105.8	104.7	105.1	105.6	98.7	91.8	90.0	88.2	86.3	84.5	83.7
60°	103.3	102.2	102.7	103.0	95.7	88.2	86.5	84.6	82.9	81.1	80.3
62.5°	96.3	95.5	96.1	96.7	90.1	83.4	81.9	80.5	79.0	77.4	76.4
65°	86.2	85.6	86.8	88.0	82.3	76.7	75.8	74.8	73.8	72.8	71.8
67.5°	77.3	76.7	77.9	79.1	75.0	70.9	69.9	69.0	68.1	67.2	66.6
70°	69.8	69.3	70.4	71.5	68.0	64.4	63.5	62.7	61.8	60.9	60.5
72.5°	61.4	60.8	62.1	63.4	60.5	57.4	56.6	55.7	54.9	54.0	53.7
75°	52.3	51.7	53.0	54.0	52.0	49.9	49.1	48.4	47.6	46.8	46.7
77.5°	43.2	42.4	43.6	44.7	43.5	42.1	41.5	40.7	40.1	39.3	39.3
80°	33.7	32.8	33.7	34.4	34.0	33.5	33.1	32.4	32.0	31.4	31.5
82.5°	23.9	23.0	23.4	23.9	24.2	24.5	24.5	24.5	24.5	24.5	24.5
85°	14.2	13.3	13.5	13.6	14.1	14.5	14.7	14.8	15.0	15.2	15.3
87.5°	3.7	3.2	2.9	2.4	2.9	3.2	3.5	3.7	4.0	4.1	4.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366634  
 CATALOG NUMBER: MSA-SA1A-730-U-SLR

**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: P366634  
 CATALOG NUMBER: MSA-SA1A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6
2.5°	326.1	320.6	315.3	318.6	321.8	325.2	328.4	328.6	328.6	328.7	328.7
5°	350.5	350.6	350.8	347.6	344.5	341.3	338.1	336.4	334.7	332.9	331.2
7.5°	313.1	312.8	312.4	309.3	306.2	303.2	300.1	292.8	285.3	277.9	270.4
10°	260.2	255.1	249.9	248.7	247.6	246.4	245.2	243.2	241.3	239.4	237.4
12.5°	221.5	220.8	220.2	217.0	213.8	210.4	207.2	207.2	207.2	207.2	207.2
15°	184.6	181.8	178.9	177.4	175.7	174.2	172.5	171.7	170.9	170.2	169.4
17.5°	153.3	150.7	148.0	147.7	147.4	147.1	146.8	146.0	145.2	144.5	143.7
20°	131.9	129.5	127.0	127.9	128.9	129.6	130.5	129.8	129.0	128.1	127.3
22.5°	124.0	122.6	121.1	120.3	119.5	118.6	117.8	117.8	118.0	118.0	118.0
25°	127.6	122.9	118.1	115.9	113.6	111.1	108.8	107.9	107.1	106.2	105.3
27.5°	135.3	128.4	121.7	117.7	113.7	109.7	105.8	104.1	102.2	100.5	98.7
30°	130.9	126.4	121.8	117.2	112.6	108.0	103.5	101.3	99.2	96.9	94.7
32.5°	124.3	123.4	122.6	118.3	114.0	109.6	105.3	104.4	103.6	102.7	101.8
35°	106.5	106.1	105.4	104.4	103.3	102.2	101.2	99.9	98.7	97.5	96.3
37.5°	101.6	99.5	97.3	96.9	96.4	96.0	95.5	95.0	94.6	94.0	93.5
40°	100.5	98.4	96.3	95.5	94.7	93.8	93.0	93.2	93.5	93.7	93.8
42.5°	99.3	97.2	94.9	94.3	93.7	93.0	92.4	92.6	92.9	93.0	93.2
45°	97.8	96.0	94.1	93.0	92.1	91.1	90.0	90.9	91.8	92.6	93.5
47.5°	94.7	92.7	90.9	90.3	89.7	88.9	88.3	89.2	90.1	90.9	91.8
50°	91.5	90.0	88.3	88.2	88.0	87.7	87.5	88.2	88.8	89.4	90.0
52.5°	89.1	87.8	86.5	86.5	86.3	86.3	86.2	86.8	87.4	87.8	88.5
55°	86.3	85.2	84.2	84.3	84.6	84.8	84.9	85.6	86.3	86.9	87.5
57.5°	82.8	82.0	81.1	81.7	82.2	82.8	83.3	83.7	84.3	84.8	85.2
60°	79.4	78.7	77.7	78.4	79.1	79.7	80.3	80.8	81.3	81.7	82.2
62.5°	75.3	74.1	73.0	73.9	74.7	75.6	76.4	76.7	77.1	77.4	77.7
65°	70.9	69.8	68.7	69.3	69.9	70.4	71.0	71.5	71.9	72.4	72.8
67.5°	65.8	65.2	64.4	64.9	65.3	65.8	66.3	66.4	66.4	66.6	66.6
70°	59.8	59.4	58.8	59.1	59.5	59.8	60.1	60.1	60.1	60.0	60.0
72.5°	53.6	53.3	53.0	53.1	53.4	53.6	53.7	53.6	53.4	53.3	53.1
75°	46.5	46.4	46.2	46.4	46.7	46.8	47.0	46.8	46.5	46.4	46.1
77.5°	39.5	39.5	39.5	39.5	39.6	39.6	39.6	39.3	39.0	38.7	38.4
80°	31.7	31.8	32.0	32.0	32.0	32.0	32.0	31.7	31.4	30.9	30.6
82.5°	24.5	24.5	24.5	24.5	24.6	24.6	24.6	23.9	23.3	22.5	21.7
85°	15.3	15.5	15.5	15.6	15.8	15.8	15.9	14.8	13.9	12.9	11.8
87.5°	4.1	4.1	4.1	4.1	4.1	4.0	4.0	3.1	2.0	1.1	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: P366634  
 CATALOG NUMBER: MSA-SA1A-730-U-SLR

**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: P366634  
 CATALOG NUMBER: MSA-SA1A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6
2.5°	329.7	330.6	331.3	332.3	332.4	332.6	332.6	332.7	329.5	326.3	322.9
5°	333.5	335.6	337.9	340.1	339.6	339.1	338.7	338.2	337.3	336.5	335.6
7.5°	268.7	267.2	265.5	263.8	265.2	266.6	268.0	269.4	270.0	270.6	271.0
10°	233.5	229.7	225.9	222.1	219.9	217.6	215.5	213.2	212.9	212.7	212.4
12.5°	203.2	199.1	195.1	191.0	189.8	188.4	187.2	185.8	187.0	188.2	189.3
15°	167.7	166.2	164.5	162.8	164.2	165.6	167.0	168.3	169.6	170.6	171.9
17.5°	142.9	142.3	141.6	140.8	142.0	143.4	144.6	145.8	148.6	151.4	154.1
20°	126.7	126.3	125.6	125.0	124.6	124.0	123.5	122.9	126.9	130.7	134.7
22.5°	117.1	116.2	115.2	114.3	114.5	114.6	114.6	114.8	118.0	121.4	124.6
25°	105.0	104.7	104.4	104.1	105.0	105.9	106.7	107.6	110.5	113.4	116.2
27.5°	98.9	99.0	99.2	99.3	100.5	101.9	103.2	104.4	106.4	108.4	110.3
30°	95.5	96.4	97.2	97.9	98.4	98.9	99.3	99.8	101.8	103.6	105.6
32.5°	100.5	99.3	97.9	96.7	97.3	98.1	98.7	99.3	101.2	103.0	104.8
35°	95.8	95.2	94.7	94.1	94.9	95.7	96.3	97.0	98.7	100.2	101.9
37.5°	93.4	93.2	93.0	92.9	93.4	93.8	94.1	94.6	96.1	97.6	99.0
40°	93.2	92.4	91.8	91.1	91.5	92.0	92.3	92.7	94.6	96.4	98.3
42.5°	92.3	91.4	90.3	89.4	89.8	90.4	90.9	91.4	93.4	95.2	97.2
45°	92.1	90.8	89.2	87.8	88.5	89.1	89.7	90.3	91.8	93.4	94.7
47.5°	90.4	89.1	87.7	86.3	86.6	86.9	87.1	87.4	88.8	90.0	91.4
50°	89.1	88.0	87.1	86.0	85.6	85.2	84.8	84.3	85.4	86.5	87.5
52.5°	87.4	86.3	85.1	84.0	83.4	82.8	82.2	81.6	82.5	83.3	84.2
55°	86.3	84.9	83.7	82.3	81.6	80.8	80.0	79.3	79.9	80.3	81.0
57.5°	84.0	82.8	81.4	80.2	79.3	78.4	77.3	76.4	76.7	77.0	77.3
60°	81.0	79.6	78.4	77.0	75.9	74.8	73.6	72.5	72.7	73.0	73.2
62.5°	76.5	75.3	73.9	72.7	71.5	70.4	69.2	68.0	68.3	68.4	68.7
65°	71.6	70.2	69.0	67.6	66.6	65.5	64.3	63.2	63.5	63.8	64.0
67.5°	65.7	64.6	63.7	62.6	61.7	60.6	59.7	58.6	58.8	58.9	59.1
70°	59.2	58.3	57.5	56.6	55.9	55.1	54.3	53.6	53.6	53.7	53.7
72.5°	52.3	51.6	50.8	50.0	49.3	48.7	47.9	47.1	47.4	47.7	47.9
75°	45.3	44.7	43.9	43.2	42.5	41.9	41.2	40.6	40.9	41.2	41.3
77.5°	38.0	37.5	36.9	36.4	35.8	35.2	34.4	33.8	34.1	34.4	34.6
80°	30.3	30.0	29.5	29.2	28.6	28.0	27.4	26.8	26.9	26.9	27.1
82.5°	21.9	22.0	22.0	22.2	21.7	21.1	20.7	20.0	20.0	20.0	19.9
85°	12.2	12.9	13.3	13.8	13.3	12.9	12.4	11.9	11.8	11.8	11.6
87.5°	0.5	0.8	1.2	1.5	1.4	1.2	0.9	0.8	0.9	1.1	1.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366634  
 CATALOG NUMBER: MSA-SA1A-730-U-SLR

**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: P366634  
 CATALOG NUMBER: MSA-SA1A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6
2.5°	319.7	322.3	324.9	327.5	330.1	334.1	338.1	342.2	346.3	344.0	341.6
5°	334.7	336.2	337.9	339.4	341.0	345.4	349.7	355.1	360.3	359.6	358.9
7.5°	271.6	273.8	275.9	277.9	280.1	286.8	293.5	299.2	304.9	304.1	303.2
10°	212.1	216.6	221.1	225.6	230.0	235.5	240.9	245.6	250.4	258.3	266.1
12.5°	190.5	197.4	204.3	211.2	218.1	222.1	225.9	232.0	238.1	242.4	246.9
15°	172.9	179.4	185.8	192.2	198.6	199.0	199.3	205.7	212.1	215.8	219.3
17.5°	156.9	160.4	163.9	167.3	170.8	169.6	168.3	171.4	174.3	175.8	177.5
20°	138.5	141.0	143.4	145.8	148.3	150.0	151.5	153.3	155.0	153.5	151.8
22.5°	127.8	131.5	135.3	139.0	142.6	143.7	144.6	143.6	142.5	142.0	141.6
25°	119.1	123.5	128.1	132.5	137.0	139.1	141.3	142.2	142.9	141.3	139.6
27.5°	112.3	117.7	122.9	128.2	133.5	137.3	141.1	142.2	143.1	141.9	140.5
30°	107.4	113.3	119.1	124.9	130.7	136.5	142.2	147.2	152.1	151.7	151.2
32.5°	106.7	110.6	114.6	118.6	122.6	126.3	129.8	130.1	130.2	129.0	127.6
35°	103.5	106.1	108.7	111.3	113.9	116.2	118.3	118.0	117.7	116.5	115.2
37.5°	100.5	103.2	105.9	108.5	111.1	115.1	118.9	118.1	117.2	116.0	114.8
40°	100.1	103.0	105.9	108.7	111.6	115.2	118.9	118.1	117.4	115.9	114.3
42.5°	99.0	101.9	104.7	107.6	110.3	114.8	119.1	117.7	116.2	114.9	113.7
45°	96.3	98.9	101.5	104.1	106.7	111.4	116.2	114.5	112.8	112.3	111.7
47.5°	92.6	95.2	97.8	100.4	103.0	107.7	112.3	111.0	109.4	109.3	109.0
50°	88.6	91.1	93.7	96.1	98.6	103.3	107.9	106.7	105.4	105.6	105.6
52.5°	84.9	87.2	89.4	91.7	93.8	98.6	103.2	102.2	101.2	101.5	101.6
55°	81.4	83.3	85.1	86.9	88.8	93.4	97.9	96.6	95.2	95.7	96.1
57.5°	77.6	79.1	80.7	82.0	83.6	88.2	92.6	91.1	89.4	90.1	90.8
60°	73.3	74.7	76.1	77.3	78.7	82.8	86.8	85.4	83.9	84.9	85.9
62.5°	68.9	69.9	71.0	72.1	73.2	77.0	80.8	79.7	78.7	79.9	81.0
65°	64.3	65.0	66.0	66.7	67.5	71.2	74.7	73.9	73.2	74.2	75.3
67.5°	59.2	59.8	60.6	61.2	61.8	65.2	68.6	67.8	66.9	67.8	68.6
70°	53.7	54.3	54.8	55.4	55.9	58.9	62.0	60.9	59.7	60.6	61.4
72.5°	48.2	48.5	49.0	49.3	49.6	51.9	54.2	53.3	52.3	53.3	54.0
75°	41.6	41.9	42.2	42.5	42.9	44.8	46.7	45.6	44.4	45.3	46.2
77.5°	34.9	35.0	35.4	35.5	35.7	37.0	38.3	37.2	36.0	37.0	38.1
80°	27.1	27.2	27.4	27.4	27.5	28.0	28.5	27.7	26.8	28.2	29.5
82.5°	19.9	19.7	19.7	19.6	19.4	19.4	19.3	18.8	18.2	19.4	20.7
85°	11.5	11.3	11.0	10.9	10.6	10.1	9.6	9.5	9.3	10.4	11.5
87.5°	1.2	1.1	0.8	0.6	0.3	0.2	0.0	0.0	0.0	0.6	1.4
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: P366634  
 CATALOG NUMBER: MSA-SA1A-730-U-SLR

**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: P366634  
 CATALOG NUMBER: MSA-SA1A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6
2.5°	339.3	336.8	334.5	332.3	330.0	327.7	331.9	336.2	340.5	344.8	348.6
5°	358.3	357.5	355.5	353.7	351.7	349.7	350.8	352.0	353.1	354.1	356.4
7.5°	302.4	301.5	305.8	309.9	314.2	318.3	319.4	320.3	321.4	322.3	321.7
10°	274.1	281.9	283.9	285.7	287.7	289.6	292.6	295.7	298.6	301.6	303.3
12.5°	251.1	255.4	262.5	269.7	276.7	283.7	288.3	292.9	297.5	302.1	311.6
15°	223.0	226.5	231.9	237.2	242.6	247.9	254.5	261.2	267.8	274.4	284.8
17.5°	179.1	180.6	184.6	188.5	192.4	196.4	205.2	214.0	222.8	231.6	243.5
20°	150.3	148.6	148.6	148.8	148.8	148.8	157.6	166.4	175.2	184.0	199.7
22.5°	141.0	140.5	138.8	137.0	135.3	133.5	138.0	142.8	147.4	152.0	164.8
25°	137.7	136.1	133.9	131.8	129.6	127.5	130.4	133.3	136.2	139.1	149.2
27.5°	139.3	137.9	139.0	139.9	141.0	141.9	142.8	143.7	144.6	145.5	149.1
30°	150.7	150.3	152.0	153.5	155.2	156.7	154.6	152.6	150.4	148.3	149.5
32.5°	126.4	125.0	124.4	123.8	123.2	122.6	122.4	122.3	122.0	121.8	124.6
35°	114.0	112.8	111.9	111.0	109.9	109.0	109.4	109.7	110.2	110.5	113.6
37.5°	113.6	112.3	111.3	110.2	109.0	107.9	108.4	109.0	109.4	109.9	112.2
40°	112.8	111.3	110.6	110.0	109.4	108.8	109.1	109.4	109.6	109.9	111.6
42.5°	112.3	111.1	110.8	110.5	110.2	109.9	110.2	110.5	110.6	111.0	112.9
45°	111.3	110.6	111.0	111.3	111.6	111.9	111.9	111.9	111.9	111.9	114.0
47.5°	108.8	108.5	109.4	110.3	111.3	112.2	113.7	115.2	116.6	118.1	118.6
50°	105.8	105.8	107.3	108.8	110.2	111.7	115.4	118.9	122.6	126.1	123.8
52.5°	101.9	102.1	104.4	106.5	108.8	111.0	114.3	117.7	120.9	124.3	120.9
55°	96.4	96.9	99.8	102.5	105.4	108.2	110.8	113.4	116.0	118.6	115.1
57.5°	91.5	92.1	95.2	98.1	101.2	104.1	105.6	107.3	108.8	110.3	108.0
60°	86.9	87.8	91.8	95.8	99.6	103.6	102.4	101.2	99.8	98.6	98.4
62.5°	82.2	83.3	86.9	90.6	94.1	97.8	96.0	94.1	92.1	90.3	91.1
65°	76.2	77.3	79.0	80.7	82.2	83.9	83.7	83.7	83.6	83.4	84.9
67.5°	69.5	70.2	71.3	72.2	73.3	74.2	74.8	75.6	76.2	76.8	78.7
70°	62.3	63.1	64.1	65.0	66.1	67.0	67.8	68.6	69.2	69.9	71.8
72.5°	54.9	55.7	56.8	57.8	58.8	59.8	60.5	61.1	61.5	62.1	63.7
75°	47.1	48.1	49.1	50.0	51.1	52.0	52.5	53.0	53.4	53.9	55.2
77.5°	39.2	40.2	41.3	42.4	43.5	44.5	44.7	44.8	45.0	45.1	46.4
80°	30.8	32.1	33.2	34.3	35.4	36.4	36.4	36.4	36.4	36.4	37.0
82.5°	21.9	23.1	24.3	25.4	26.6	27.7	27.7	27.5	27.5	27.4	27.4
85°	12.5	13.6	14.4	15.3	16.1	16.8	16.8	16.8	16.7	16.7	16.4
87.5°	2.0	2.6	2.9	3.4	3.7	4.0	3.8	3.8	3.7	3.5	3.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366634  
 CATALOG NUMBER: MSA-SA1A-730-U-SLR

**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: P366634  
 CATALOG NUMBER: MSA-SA1A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6
2.5°	352.5	356.3	360.1	359.5	358.9	358.3	357.7	360.0	362.1	364.4	366.5
5°	358.6	360.9	363.0	364.7	366.4	368.1	369.7	377.6	385.2	393.0	400.7
7.5°	321.1	320.3	319.7	326.9	334.2	341.4	348.6	358.6	368.5	378.5	388.4
10°	305.0	306.7	308.4	311.3	314.3	317.3	320.2	330.0	339.8	349.5	359.3
12.5°	320.9	330.4	339.8	342.0	344.5	346.8	349.1	351.1	353.1	354.9	356.9
15°	295.2	305.6	316.0	322.0	328.0	333.8	339.8	354.8	369.6	384.6	399.4
17.5°	255.3	267.2	279.0	293.7	308.4	323.1	337.8	351.5	365.3	378.9	392.7
20°	215.5	231.1	246.9	262.9	278.8	294.9	310.8	324.3	337.8	351.1	364.5
22.5°	177.5	190.4	203.1	222.7	242.1	261.7	281.1	306.2	331.2	356.3	381.2
25°	159.2	169.3	179.2	199.4	219.6	239.7	259.9	292.5	324.9	357.5	389.9
27.5°	152.7	156.3	159.8	178.1	196.4	214.7	232.9	268.1	303.3	338.4	373.6
30°	150.7	152.0	153.2	167.6	182.0	196.4	210.7	245.5	280.4	315.1	349.9
32.5°	127.2	129.9	132.5	146.6	160.5	174.6	188.5	223.6	258.5	293.5	328.4
35°	116.6	119.7	122.7	136.5	150.3	163.9	177.7	214.6	251.6	288.5	325.4
37.5°	114.5	116.8	119.1	134.7	150.3	165.9	181.5	218.8	256.2	293.5	330.9
40°	113.4	115.1	116.8	131.9	147.2	162.4	177.5	216.7	255.7	294.9	333.9
42.5°	114.8	116.8	118.6	132.4	146.0	159.8	173.4	214.0	254.4	294.9	335.3
45°	116.0	118.1	120.1	133.0	145.8	158.7	171.6	214.9	258.0	301.3	344.5
47.5°	118.9	119.4	119.7	130.9	141.9	153.0	164.1	208.1	252.2	296.1	340.2
50°	121.4	119.1	116.6	128.2	139.7	151.4	162.8	204.6	246.4	288.0	329.8
52.5°	117.5	114.0	110.6	123.2	135.7	148.1	160.7	202.5	244.4	286.2	328.0
55°	111.7	108.2	104.7	117.4	130.1	142.8	155.5	197.1	238.9	280.5	322.2
57.5°	105.9	103.6	101.3	111.7	122.3	132.7	143.1	188.2	233.2	278.4	323.4
60°	98.3	97.9	97.8	105.9	114.2	122.3	130.4	174.6	218.7	262.9	307.0
62.5°	91.7	92.4	93.0	99.6	106.2	112.6	119.2	161.9	204.8	247.5	290.2
65°	86.6	88.2	89.7	97.2	104.7	112.0	119.5	155.3	191.1	227.0	262.8
67.5°	80.5	82.3	84.2	94.0	103.8	113.6	123.4	152.9	182.4	212.0	241.5
70°	73.5	75.3	77.0	89.5	101.9	114.5	126.9	153.0	179.4	205.5	231.7
72.5°	65.2	66.7	68.3	81.7	95.2	108.7	122.1	144.3	166.5	188.5	210.7
75°	56.8	58.2	59.5	71.2	82.8	94.4	106.1	123.2	140.2	157.3	174.3
77.5°	47.4	48.7	49.7	57.5	65.3	73.2	81.0	94.1	107.1	120.3	133.3
80°	37.6	38.3	38.9	43.5	47.9	52.5	56.9	65.7	74.4	82.9	91.7
82.5°	27.5	27.5	27.5	30.5	33.5	36.4	39.3	43.8	48.1	52.5	56.8
85°	16.1	15.6	15.3	17.3	19.3	21.3	23.3	25.1	26.9	28.8	30.6
87.5°	2.6	2.0	1.5	2.8	4.0	5.2	6.4	7.0	7.8	8.4	9.0
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: P366634  
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**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P366634

CATALOG NUMBER: MSA-SA1A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6
2.5°	361.3	356.3	351.1	345.9	353.5	361.2	368.8	376.5	396.8	408.9	409.7
5°	407.1	413.5	419.9	426.4	432.8	439.2	445.5	451.9	485.0	505.3	509.2
7.5°	399.0	409.7	420.3	430.8	449.0	467.2	485.4	503.7	531.7	551.9	565.2
10°	372.5	385.7	398.8	412.0	433.6	455.3	476.9	498.5	528.1	554.8	567.5
12.5°	377.9	398.8	419.6	440.6	459.3	478.1	496.8	515.4	536.0	546.1	569.2
15°	414.0	428.5	443.1	457.6	485.8	513.8	541.9	569.9	581.6	604.7	625.5
17.5°	419.5	446.1	472.9	499.5	534.0	568.4	602.8	637.3	658.8	688.7	713.8
20°	402.3	440.0	477.8	515.4	559.8	604.4	648.7	693.1	720.5	745.6	784.5
22.5°	422.9	464.5	506.0	547.6	606.5	665.3	724.2	783.0	840.2	896.2	922.5
25°	445.5	501.2	556.8	612.3	685.9	759.4	833.0	906.5	980.1	1032.6	1062.9
27.5°	429.6	485.4	541.5	597.3	688.4	779.6	870.7	961.7	1040.5	1103.7	1129.8
30°	418.4	487.0	555.5	624.1	730.9	837.7	944.6	1051.4	1124.2	1194.8	1233.1
32.5°	416.4	504.4	592.3	680.3	804.7	929.0	1053.4	1177.7	1226.0	1288.6	1340.2
35°	421.9	518.7	615.2	711.8	854.4	997.1	1139.5	1282.2	1350.9	1412.9	1458.0
37.5°	438.8	546.7	654.4	762.3	934.2	1106.2	1278.1	1449.9	1565.2	1678.6	1698.8
40°	448.3	562.7	677.1	791.4	991.3	1191.1	1391.0	1590.9	1723.4	1847.8	1856.2
42.5°	459.4	583.5	707.5	831.6	1053.2	1275.0	1496.6	1718.2	1882.3	2016.0	2020.0
45°	472.3	599.9	727.7	855.3	1086.7	1318.0	1549.4	1780.6	1979.0	2141.5	2101.9
47.5°	477.3	614.6	751.7	888.9	1135.6	1382.1	1628.8	1875.4	2053.4	2201.2	2163.2
50°	479.3	629.0	778.5	928.0	1183.6	1439.4	1694.9	1950.5	2131.6	2275.7	2217.6
52.5°	491.7	655.5	819.2	983.0	1249.3	1515.6	1781.9	2048.2	2226.3	2364.8	2292.6
55°	508.4	694.7	880.8	1067.0	1342.6	1618.1	1893.7	2169.2	2348.0	2476.8	2387.3
57.5°	523.9	724.5	925.0	1125.5	1411.0	1696.8	1982.3	2267.9	2449.0	2576.5	2489.7
60°	516.4	725.7	935.1	1144.4	1425.1	1705.6	1986.3	2266.9	2472.4	2625.3	2580.9
62.5°	493.7	697.3	900.6	1104.2	1370.6	1636.9	1903.4	2169.7	2410.3	2606.3	2604.3
65°	450.1	637.4	824.6	1011.9	1258.5	1505.2	1751.7	1998.3	2281.8	2520.0	2535.4
67.5°	397.0	552.5	708.0	863.5	1095.6	1327.8	1560.0	1792.1	2095.3	2358.1	2371.4
70°	345.6	459.6	573.4	687.3	891.2	1095.0	1298.7	1502.6	1808.8	2074.6	2086.9
72.5°	285.3	359.8	434.2	508.7	673.8	839.0	1004.0	1169.1	1438.0	1642.4	1711.5
75°	218.5	262.8	307.0	351.2	484.8	618.4	751.9	885.5	1064.3	1215.1	1292.9
77.5°	156.3	179.2	202.2	225.1	338.7	452.2	565.6	679.2	773.2	858.7	911.2
80°	102.5	113.3	124.1	134.8	229.3	323.7	418.0	512.4	569.6	615.5	642.0
82.5°	62.1	67.5	72.7	78.1	154.6	231.1	307.5	384.0	416.7	438.6	462.2
85°	33.5	36.4	39.3	42.2	91.4	140.3	189.5	238.4	241.7	244.3	279.3
87.5°	9.8	10.7	11.5	12.2	20.2	28.3	36.3	44.2	27.5	17.1	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: P366634  
 CATALOG NUMBER: MSA-SA1A-730-U-SLR

**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: P366634

CATALOG NUMBER: MSA-SA1A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6
2.5°	405.3	403.3	401.3	399.1	397.1	388.7	380.5	372.0	363.6	371.7	379.7
5°	504.7	510.9	516.8	522.9	529.1	529.5	529.8	530.3	530.6	532.1	533.7
7.5°	576.4	587.2	597.9	608.8	619.7	628.1	636.5	645.1	653.5	645.8	638.2
10°	582.5	605.4	628.4	651.3	674.3	678.4	682.4	686.5	690.7	696.2	701.5
12.5°	588.6	616.6	644.5	672.5	700.5	712.7	724.8	737.0	749.1	755.1	760.9
15°	653.3	669.9	686.2	702.8	719.1	727.6	735.8	744.2	752.7	757.7	762.6
17.5°	736.6	742.7	748.7	754.8	760.9	766.6	772.2	777.9	783.6	784.5	785.4
20°	812.5	813.7	814.8	816.0	817.1	805.2	793.4	781.4	769.5	771.6	773.6
22.5°	926.4	919.6	913.0	906.3	899.7	877.2	854.9	832.4	810.0	800.4	790.9
25°	1097.8	1080.6	1063.5	1046.3	1029.2	993.4	957.7	921.9	886.3	865.3	844.5
27.5°	1153.0	1115.7	1078.5	1041.1	1003.8	976.7	949.8	922.7	895.8	862.5	829.3
30°	1264.7	1205.8	1147.0	1088.1	1029.2	1003.0	976.9	950.5	924.4	890.4	856.6
32.5°	1363.8	1302.5	1241.3	1180.0	1118.7	1069.1	1019.6	970.0	920.4	897.4	874.5
35°	1478.4	1401.4	1324.4	1247.4	1170.5	1127.9	1085.5	1043.0	1000.6	965.8	931.3
37.5°	1645.3	1563.5	1481.6	1399.6	1317.7	1260.1	1202.8	1145.2	1087.8	1068.7	1049.7
40°	1804.5	1707.8	1611.2	1514.5	1417.9	1373.9	1329.8	1285.5	1241.5	1209.2	1176.9
42.5°	1937.8	1842.2	1746.7	1651.0	1555.5	1523.4	1491.4	1459.3	1427.3	1400.6	1374.0
45°	1983.6	1905.5	1827.6	1749.6	1671.5	1660.2	1649.0	1637.7	1626.5	1606.8	1587.0
47.5°	2057.2	1977.6	1898.2	1818.6	1739.0	1743.1	1747.3	1751.6	1755.7	1756.8	1757.7
50°	2100.5	2024.9	1949.4	1873.8	1798.4	1818.4	1838.3	1858.4	1878.4	1923.9	1969.2
52.5°	2163.7	2089.5	2015.4	1941.2	1867.0	1900.9	1934.8	1968.7	2002.5	2066.2	2129.9
55°	2243.0	2172.0	2101.1	2030.1	1959.2	1992.3	2025.2	2058.3	2091.2	2162.0	2232.9
57.5°	2348.1	2272.1	2196.1	2120.1	2044.2	2074.6	2104.9	2135.4	2165.7	2233.0	2300.4
60°	2467.8	2385.2	2302.5	2219.7	2137.1	2145.5	2153.8	2162.2	2170.4	2243.4	2316.3
62.5°	2526.6	2450.0	2373.7	2297.2	2220.6	2197.2	2173.8	2150.2	2126.8	2192.2	2257.4
65°	2475.6	2423.0	2370.5	2317.8	2265.2	2223.8	2182.7	2141.4	2100.0	2140.9	2181.6
67.5°	2313.4	2283.5	2253.8	2224.0	2194.2	2124.8	2055.5	1986.0	1916.7	1919.4	1922.0
70°	2050.5	2042.5	2034.7	2026.7	2018.8	1914.5	1810.5	1706.3	1602.0	1586.1	1570.2
72.5°	1717.3	1722.5	1727.5	1732.7	1737.9	1625.9	1513.9	1401.9	1289.8	1263.4	1236.9
75°	1330.1	1358.9	1387.6	1416.6	1445.3	1338.2	1231.1	1123.8	1016.7	984.1	951.5
77.5°	939.8	993.5	1047.1	1100.8	1154.5	1057.7	960.9	864.1	767.2	746.1	725.0
80°	655.3	681.6	708.0	734.3	760.6	711.9	663.3	614.6	565.9	571.8	577.4
82.5°	477.3	483.5	489.4	495.5	501.7	481.8	461.9	441.8	421.9	437.1	452.2
85°	305.8	327.7	349.4	371.3	393.0	371.0	348.9	326.7	304.7	314.8	324.9
87.5°	68.4	108.2	148.0	187.9	227.7	206.3	185.0	163.6	142.2	132.5	123.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	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: P366634

CATALOG NUMBER: MSA-SA1A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6
2.5°	387.8	395.9	393.5	391.2	388.7	386.3	390.7	395.2	399.7	404.2	402.7
5°	535.3	536.9	522.3	507.9	493.4	478.9	487.9	496.9	506.0	515.0	511.8
7.5°	630.5	622.9	614.5	606.0	597.5	589.1	587.2	585.4	583.4	581.6	579.1
10°	707.1	712.4	706.9	701.5	696.0	690.5	677.7	664.8	651.8	638.9	633.6
12.5°	766.9	772.9	774.2	775.5	776.8	778.2	763.8	749.6	735.2	720.8	707.8
15°	767.7	772.7	777.1	781.4	785.9	790.2	781.3	772.6	763.7	754.8	750.7
17.5°	786.5	787.4	783.7	780.2	776.5	773.0	769.5	766.1	762.6	759.2	752.7
20°	775.8	777.9	777.5	777.0	776.4	775.9	776.2	776.4	776.7	776.8	773.2
22.5°	781.3	771.6	773.6	775.5	777.5	779.3	784.8	790.3	796.0	801.5	816.2
25°	823.5	802.5	799.3	796.3	793.1	790.0	804.4	818.6	833.0	847.4	871.3
27.5°	796.0	762.8	755.4	748.1	740.7	733.4	755.3	777.0	798.9	820.8	845.1
30°	822.6	788.8	772.6	756.3	740.0	723.7	744.7	765.5	786.5	807.3	834.2
32.5°	851.5	828.6	817.7	807.0	796.1	785.4	787.1	788.8	790.5	792.1	830.1
35°	896.5	861.8	851.1	840.4	829.6	818.9	836.8	854.6	872.5	890.2	922.4
37.5°	1030.6	1011.5	992.2	972.9	953.4	934.2	944.7	955.3	965.8	976.4	1006.7
40°	1144.6	1112.3	1109.1	1106.0	1102.8	1099.6	1100.5	1101.3	1102.2	1103.1	1129.0
42.5°	1347.2	1320.6	1304.2	1287.8	1271.5	1255.1	1254.0	1253.0	1251.7	1250.7	1270.1
45°	1567.1	1547.4	1535.2	1522.9	1510.5	1498.3	1478.8	1459.4	1439.8	1420.4	1437.4
47.5°	1758.8	1759.8	1782.0	1804.1	1826.2	1848.4	1815.2	1782.0	1748.8	1715.6	1693.7
50°	2014.6	2059.9	2065.3	2070.5	2075.9	2081.2	2024.9	1968.7	1912.4	1856.1	1833.1
52.5°	2193.7	2257.4	2249.1	2241.0	2232.7	2224.5	2191.9	2159.4	2126.8	2094.2	2044.2
55°	2303.9	2374.7	2368.5	2362.3	2356.1	2349.8	2326.1	2302.4	2278.6	2254.9	2200.0
57.5°	2367.7	2435.0	2436.9	2438.7	2440.6	2442.4	2436.1	2429.8	2423.6	2417.3	2345.8
60°	2389.3	2462.3	2463.1	2463.7	2464.4	2465.0	2455.1	2445.1	2435.0	2425.1	2378.4
62.5°	2322.7	2387.9	2390.8	2393.6	2396.5	2399.4	2392.5	2385.6	2378.7	2371.8	2337.3
65°	2222.5	2263.3	2264.1	2264.7	2265.5	2266.2	2248.8	2231.5	2214.1	2196.6	2188.3
67.5°	1924.8	1927.6	1943.8	1960.0	1976.2	1992.4	1993.8	1995.2	1996.7	1998.1	1986.2
70°	1554.3	1538.4	1556.0	1573.6	1591.2	1608.8	1616.3	1623.8	1631.4	1638.9	1644.4
72.5°	1210.3	1183.8	1196.8	1209.8	1223.0	1236.0	1224.8	1213.6	1202.4	1191.3	1226.6
75°	918.9	886.3	884.6	883.0	881.4	879.8	874.2	868.5	862.7	857.0	890.1
77.5°	703.7	682.6	683.6	684.6	685.6	686.5	680.7	675.1	669.3	663.4	676.1
80°	583.2	588.9	589.1	589.2	589.4	589.5	584.0	578.7	573.1	567.6	558.4
82.5°	467.5	482.7	482.5	482.5	482.4	482.2	481.9	481.6	481.2	480.9	465.9
85°	335.0	345.1	334.7	324.3	313.9	303.5	311.1	318.8	326.6	334.2	328.0
87.5°	113.4	103.9	91.5	79.3	66.9	54.5	67.8	81.1	94.6	107.9	115.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366634  
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**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: P366634

CATALOG NUMBER: MSA-SA1A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6	332.6
2.5°	401.3	399.7	398.4	388.7	378.9	369.3	359.5	377.2	395.2	412.9	430.7
5°	508.7	505.5	502.4	501.7	500.9	500.0	499.2	508.3	517.3	526.2	535.2
7.5°	576.7	574.2	571.8	565.3	559.1	552.6	546.2	551.7	557.1	562.6	567.9
10°	628.4	623.0	617.7	603.7	590.0	576.0	562.1	558.0	553.9	549.7	545.6
12.5°	694.8	681.6	668.6	652.9	637.0	621.2	605.3	603.1	601.0	599.0	596.9
15°	746.7	742.6	738.4	725.9	713.3	700.8	688.2	671.4	654.4	637.6	620.7
17.5°	746.2	739.6	733.2	750.1	766.7	783.6	800.3	782.3	764.3	746.4	728.5
20°	769.5	765.7	762.0	793.1	824.0	855.0	886.0	876.2	866.2	856.4	846.5
22.5°	830.7	845.4	859.9	886.6	913.0	939.7	966.2	977.3	988.5	999.7	1010.8
25°	895.0	918.9	942.7	982.4	1021.9	1061.5	1101.1	1109.1	1117.1	1125.0	1133.0
27.5°	869.3	893.6	917.9	947.9	977.8	1007.8	1037.6	1072.5	1107.6	1142.5	1177.3
30°	861.0	887.9	914.7	955.9	996.9	1038.1	1079.2	1127.3	1175.4	1223.3	1271.3
32.5°	867.9	905.9	943.8	999.5	1055.1	1110.8	1166.5	1217.0	1267.6	1318.1	1368.7
35°	954.4	986.5	1018.5	1080.8	1143.1	1205.4	1267.6	1326.9	1386.1	1445.2	1504.4
37.5°	1036.9	1067.2	1097.5	1161.1	1224.6	1288.3	1352.0	1445.5	1539.1	1632.6	1726.2
40°	1154.7	1180.6	1206.3	1260.8	1315.2	1369.7	1424.2	1537.0	1649.8	1762.6	1875.4
42.5°	1289.4	1308.8	1328.1	1384.6	1441.0	1497.5	1554.0	1676.7	1799.6	1922.4	2045.1
45°	1454.2	1471.2	1488.2	1527.0	1565.9	1604.9	1643.8	1770.4	1897.0	2023.5	2150.1
47.5°	1671.8	1649.9	1628.1	1647.2	1666.3	1685.4	1704.6	1829.8	1955.0	2080.0	2205.2
50°	1810.2	1787.2	1764.3	1765.9	1767.5	1769.2	1770.8	1887.6	2004.4	2121.0	2237.8
52.5°	1994.1	1943.9	1893.9	1893.4	1893.0	1892.4	1891.9	1993.7	2095.6	2197.4	2299.1
55°	2145.0	2090.1	2035.1	2024.4	2013.7	2002.9	1992.1	2092.8	2193.4	2294.1	2396.6
57.5°	2274.4	2202.7	2131.3	2114.4	2097.6	2080.8	2063.9	2172.4	2281.1	2389.6	2498.1
60°	2331.9	2285.2	2238.7	2218.0	2197.4	2176.7	2156.0	2248.5	2340.9	2433.2	2525.6
62.5°	2302.8	2268.2	2233.8	2238.5	2243.3	2248.0	2252.8	2305.6	2358.5	2411.3	2464.1
65°	2180.2	2172.0	2163.9	2202.1	2240.4	2278.6	2316.9	2317.7	2318.4	2319.2	2320.0
67.5°	1974.2	1962.3	1950.4	2029.9	2109.4	2189.0	2268.5	2230.7	2192.9	2155.3	2117.5
70°	1649.8	1655.3	1660.7	1769.0	1877.2	1985.6	2093.9	2039.1	1984.2	1929.4	1874.5
72.5°	1262.0	1297.5	1332.8	1445.2	1557.5	1669.8	1782.2	1719.6	1656.8	1594.2	1531.5
75°	923.1	956.2	989.3	1100.2	1211.2	1322.3	1433.2	1358.9	1284.5	1210.3	1135.9
77.5°	688.8	701.7	714.4	806.7	898.8	991.1	1083.2	1008.5	933.9	859.3	784.6
80°	549.4	540.2	531.2	582.3	633.4	684.6	735.7	682.7	629.6	576.7	523.7
82.5°	451.0	436.0	421.2	440.1	459.1	478.3	497.2	454.8	412.4	370.1	327.7
85°	321.7	315.4	309.1	314.7	320.0	325.5	331.0	289.7	248.4	207.2	165.9
87.5°	123.0	130.7	138.3	147.1	155.6	164.4	172.9	135.4	97.9	60.6	23.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	332.6	332.6
2.5°	438.0	445.4
5°	535.0	534.9
7.5°	565.5	562.9
10°	538.9	532.1
12.5°	577.0	556.9
15°	600.8	580.8
17.5°	698.3	668.0
20°	810.5	774.4
22.5°	955.9	901.0
25°	1067.3	1001.5
27.5°	1138.3	1099.1
30°	1226.5	1181.6
32.5°	1335.6	1302.4
35°	1474.1	1443.6
37.5°	1716.7	1707.0
40°	1863.9	1852.3
42.5°	2045.6	2045.9
45°	2157.0	2163.9
47.5°	2222.6	2239.9
50°	2275.0	2312.0
52.5°	2349.8	2400.5
55°	2462.0	2529.2
57.5°	2555.3	2612.6
60°	2555.3	2584.9
62.5°	2463.4	2462.4
65°	2305.7	2291.3
67.5°	2099.4	2081.4
70°	1846.3	1818.0
72.5°	1496.4	1461.2
75°	1087.7	1039.3
77.5°	761.7	738.6
80°	534.9	546.1
82.5°	343.6	359.5
85°	163.4	161.0
87.5°	19.3	15.5
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)