

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: P366721

Luminaire Tested: **MSA-SA1A-830-U-SLR-HSS**

Issue Date: 12/2/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P366721  
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-SA1A-830-U-SLR-HSS  
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2343 lumens  
Efficiency: N/A  
Efficacy: 68.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G1

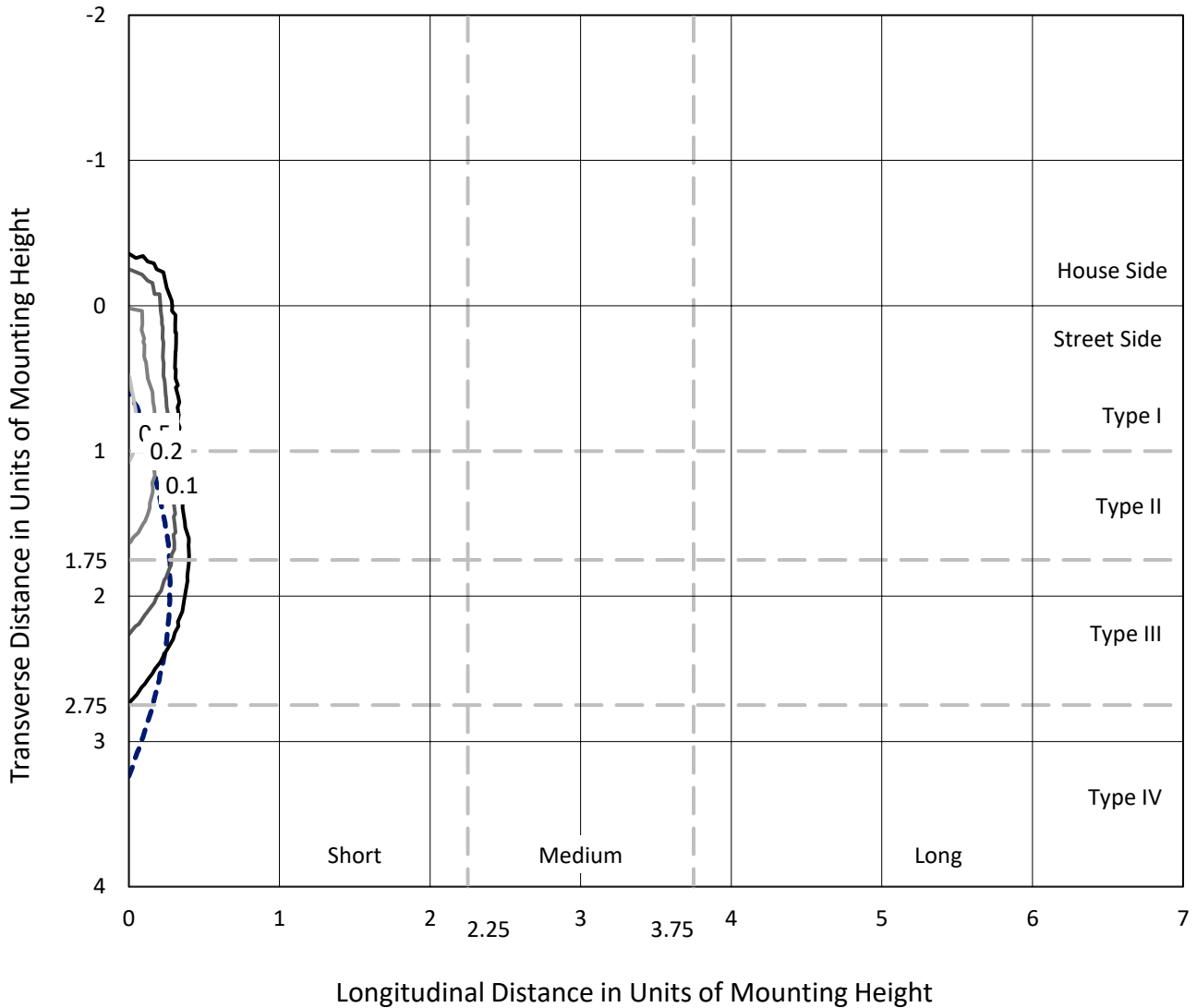
Input Watts (W): 34  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

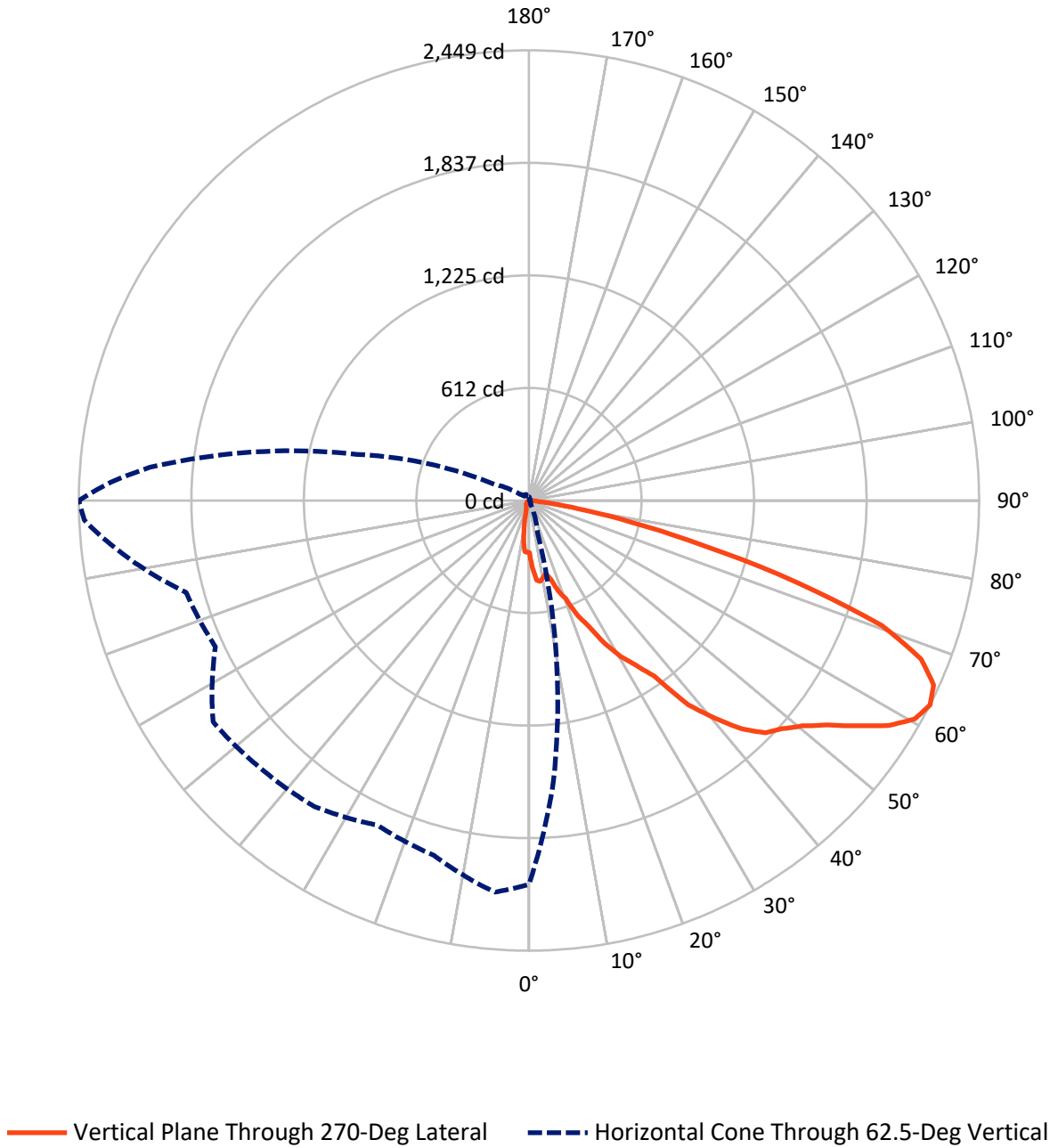
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 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	391.2	0.0	391.2
	% Fixture	16.7	0.0	16.7
<b>Street Side</b>	Lumens	1951.7	0.0	1951.7
	% Fixture	83.3	0.0	83.3
<b>Total</b>	Lumens	2343.0	0.0	2343.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	31.5	1.3
10°-20°	82.4	3.5
20°-30°	133.2	5.7
30°-40°	223.1	9.5
40°-50°	364.7	15.6
50°-60°	539.8	23.0
60°-70°	619.7	26.5
70°-80°	306.4	13.1
80°-90°	42.1	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	2343.0	100.0
0°-180°	2343.0	100.0

**Coefficient of Utilization**

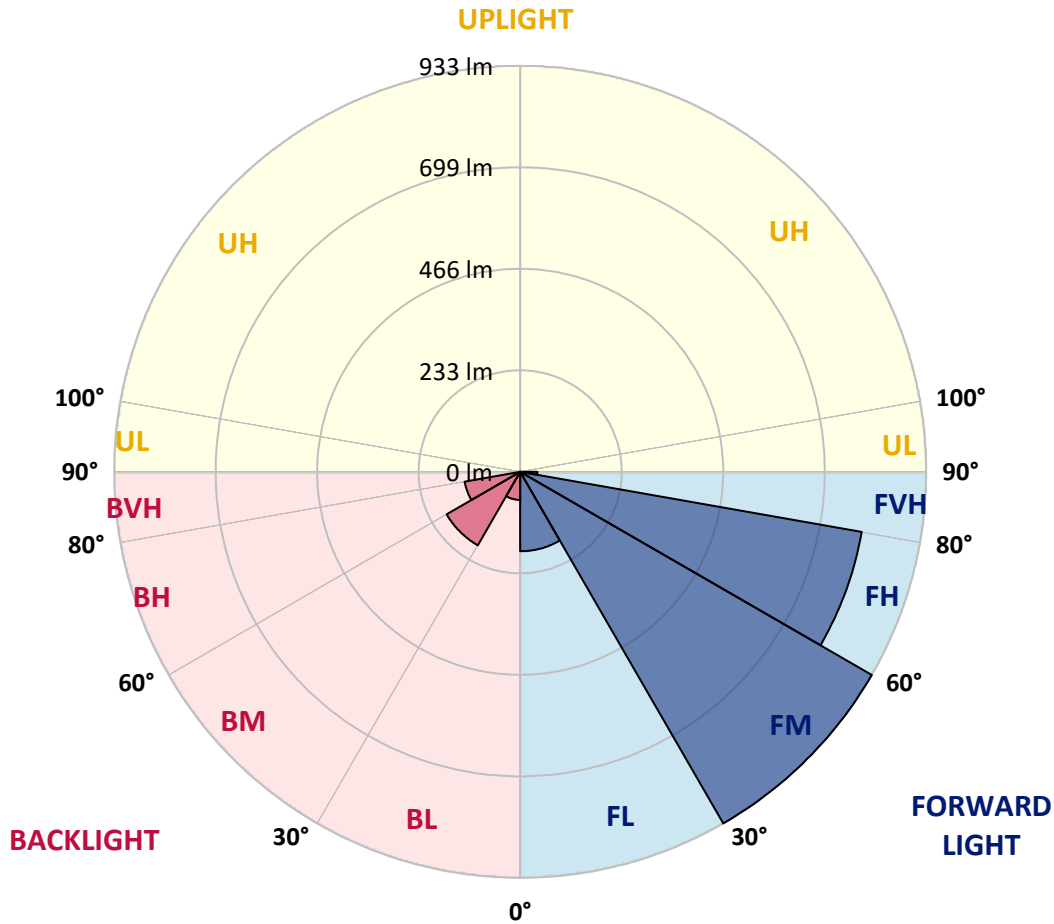


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	182.5	7.8			
FM (30°-60°)	932.6	39.8			
FH (60°-80°)	796.7	34.0			G1/1800
FVH (80°-90°)	39.8	1.7			G1/100
BL (0°-30°)	64.6	2.8	B0/110		
BM (30°-60°)	195.0	8.3	B0/220		
BH (60°-80°)	129.4	5.5	B1/500		G1/500
BVH (80°-90°)	2.2	0.1			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**  
 Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3
2.5°	374.4	379.0	383.6	374.9	366.2	357.5	348.9	341.1	333.4	325.5	317.7
5°	481.7	473.2	464.6	452.9	441.1	429.4	417.6	412.2	406.7	401.2	395.7
7.5°	519.1	503.9	488.6	478.1	467.9	457.4	447.0	430.6	414.0	397.6	381.0
10°	489.8	473.6	457.3	448.2	439.1	430.1	421.0	400.5	380.0	359.5	339.0
12.5°	503.2	485.8	468.3	449.6	430.9	412.2	393.5	377.8	362.1	346.5	330.7
15°	512.6	492.6	472.4	451.0	429.7	408.3	386.9	368.5	350.2	331.8	313.3
17.5°	567.5	538.8	510.1	477.2	444.3	411.5	378.6	357.3	336.0	314.7	293.3
20°	638.0	597.3	556.4	511.9	467.5	423.0	378.5	351.9	325.3	298.8	272.2
22.5°	720.0	669.1	618.1	563.2	508.5	453.6	398.7	360.5	322.3	284.1	245.9
25°	802.6	756.6	710.7	636.8	562.9	489.0	415.1	366.6	318.0	269.5	220.9
27.5°	951.6	869.5	787.3	693.3	599.4	505.4	411.4	355.8	300.2	244.5	189.0
30°	1049.1	985.9	922.6	798.4	674.3	550.1	425.9	355.5	285.1	214.6	144.2
32.5°	1165.7	1073.3	980.7	846.0	711.2	576.4	441.7	359.0	276.2	193.5	110.7
35°	1296.7	1196.1	1095.6	924.9	754.2	583.4	412.7	332.6	252.4	172.3	92.2
37.5°	1528.2	1359.9	1191.6	992.6	793.5	594.5	395.3	315.3	235.2	155.2	75.1
40°	1659.6	1498.9	1338.3	1089.6	840.9	592.2	343.5	272.5	201.5	130.5	59.4
42.5°	1830.6	1626.7	1422.8	1144.9	866.9	589.0	311.1	245.3	179.6	113.8	48.1
45°	1931.9	1701.0	1470.1	1168.9	867.7	566.6	265.4	208.5	151.6	94.7	37.8
47.5°	1995.9	1764.3	1532.7	1209.4	886.2	562.8	239.5	187.1	134.8	82.4	30.1
50°	2028.4	1796.1	1563.7	1231.4	899.1	566.7	234.4	182.3	130.1	78.0	25.8
52.5°	2062.1	1838.2	1614.1	1269.6	925.2	580.7	236.3	183.1	130.1	76.9	23.8
55°	2130.4	1909.5	1688.4	1324.4	960.3	596.2	232.1	179.8	127.4	74.9	22.6
57.5°	2214.3	1978.1	1741.9	1364.4	987.0	609.6	232.1	179.5	126.9	74.1	21.5
60°	2198.4	1942.1	1685.6	1319.4	953.2	586.9	220.6	170.6	120.6	70.5	20.4
62.5°	2089.3	1811.1	1532.7	1194.3	855.7	517.3	178.7	138.8	98.8	58.8	18.8
65°	1961.0	1665.7	1370.3	1058.9	747.3	435.8	124.2	97.5	70.7	43.9	17.1
67.5°	1806.6	1491.7	1176.8	899.8	622.9	345.9	68.9	55.6	42.2	28.7	15.4
70°	1538.7	1213.6	888.4	675.5	462.8	249.9	37.0	31.3	25.5	19.8	14.0
72.5°	1155.1	857.3	559.5	425.0	290.6	156.1	21.6	19.5	17.2	15.1	12.8
75°	786.0	562.8	339.6	258.6	177.6	96.6	15.5	14.4	13.2	12.2	11.0
77.5°	534.4	386.5	238.7	182.2	125.7	69.2	12.7	12.0	11.4	10.6	9.9
80°	333.6	228.4	123.1	94.8	66.4	38.1	9.6	9.2	8.8	8.3	7.9
82.5°	233.3	139.6	45.8	35.8	25.8	15.6	5.6	5.7	5.9	5.9	6.0
85°	97.9	52.9	7.9	6.7	5.5	4.3	3.1	3.3	3.7	4.0	4.3
87.5°	1.7	0.9	0.0	0.3	0.7	0.9	1.2	1.6	1.9	2.3	2.5
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



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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°	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3
2.5°	319.7	321.7	323.6	325.6	324.0	322.5	320.9	319.3	316.9	314.7	312.3
5°	389.1	382.4	375.7	369.0	358.9	348.7	338.4	328.3	327.1	325.9	324.5
7.5°	365.4	349.8	334.0	318.4	303.7	289.0	274.3	259.6	255.1	250.7	246.1
10°	327.0	314.9	302.8	290.8	280.2	269.5	259.0	248.3	237.2	226.1	214.9
12.5°	318.1	305.6	292.9	280.3	270.7	261.1	251.5	241.9	229.5	217.0	204.6
15°	299.7	286.1	272.5	258.8	246.0	233.2	220.2	207.4	192.5	177.5	162.5
17.5°	277.1	261.1	244.9	228.8	212.0	195.1	178.3	161.5	144.2	127.1	109.9
20°	250.3	228.4	206.3	184.4	163.6	142.8	121.8	101.0	90.2	79.5	68.6
22.5°	217.6	189.1	160.8	132.4	115.3	98.0	80.9	63.7	59.0	54.4	49.7
25°	188.7	156.5	124.3	92.2	81.3	70.5	59.7	48.9	46.7	44.5	42.3
27.5°	158.7	128.5	98.2	67.8	61.7	55.4	49.3	43.0	41.5	40.2	38.7
30°	121.7	99.1	76.4	53.8	49.8	45.8	41.7	37.7	37.0	36.2	35.5
32.5°	94.3	77.7	61.3	44.7	42.5	40.2	37.9	35.7	34.6	33.5	32.3
35°	78.8	65.6	52.2	38.9	37.3	35.5	33.9	32.2	31.1	29.9	28.8
37.5°	65.3	55.7	45.9	36.2	34.5	32.7	30.9	29.1	28.3	27.5	26.7
40°	53.8	48.2	42.6	37.0	34.5	31.9	29.4	26.8	26.2	25.5	24.8
42.5°	44.5	40.9	37.1	33.5	31.7	29.9	28.0	26.2	25.2	24.2	23.2
45°	35.9	33.9	32.1	30.1	30.2	30.3	30.3	30.5	28.0	25.5	23.1
47.5°	29.1	28.2	27.1	26.2	27.2	28.3	29.2	30.3	27.8	25.2	22.6
50°	25.0	24.3	23.5	22.7	23.8	25.0	26.0	27.1	26.0	25.1	24.0
52.5°	22.8	21.9	21.0	20.0	20.4	21.0	21.4	21.8	21.8	21.8	21.8
55°	21.5	20.6	19.5	18.4	18.0	17.5	17.1	16.6	15.9	15.4	14.7
57.5°	20.4	19.4	18.2	17.1	16.4	15.6	15.0	14.2	13.5	12.7	12.0
60°	19.4	18.3	17.1	16.0	15.4	14.7	13.9	13.2	12.4	11.8	11.0
62.5°	17.9	17.0	16.0	15.1	14.4	13.9	13.2	12.6	11.8	11.0	10.0
65°	16.3	15.6	14.8	14.0	13.4	12.7	12.0	11.4	10.6	9.9	9.1
67.5°	14.8	14.2	13.6	13.0	12.2	11.5	10.7	9.9	9.3	8.8	8.1
70°	13.6	13.1	12.7	12.2	11.4	10.7	9.9	9.1	8.7	8.1	7.7
72.5°	12.4	12.0	11.5	11.1	10.4	9.7	9.1	8.4	8.0	7.6	7.2
75°	10.7	10.4	10.2	9.9	9.2	8.5	7.7	7.1	6.9	6.8	6.7
77.5°	9.6	9.5	9.2	8.9	8.3	7.6	6.9	6.3	6.4	6.5	6.5
80°	7.9	7.9	7.7	7.7	7.2	6.7	6.0	5.5	5.7	6.1	6.4
82.5°	6.0	6.0	6.0	6.0	5.5	4.9	4.4	3.9	4.3	4.5	4.9
85°	4.1	4.0	3.9	3.7	3.3	3.1	2.7	2.3	2.8	3.2	3.7
87.5°	2.5	2.7	2.7	2.7	2.4	2.0	1.7	1.3	1.6	1.7	2.0
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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3
2.5°	309.9	305.8	301.8	297.7	293.7	284.3	275.0	265.6	256.3	263.2	270.1
5°	323.3	315.6	307.7	300.0	292.1	288.6	285.3	281.8	278.3	278.9	279.5
7.5°	241.6	236.5	231.5	226.2	221.2	220.1	219.2	218.1	217.0	219.3	221.4
10°	203.8	196.7	189.5	182.4	175.2	171.4	167.5	163.6	159.7	159.3	158.8
12.5°	192.2	181.4	170.7	159.9	149.1	140.6	132.2	123.8	115.4	116.1	116.7
15°	147.6	136.8	126.1	115.3	104.4	97.6	90.7	83.9	76.9	74.9	72.9
17.5°	92.7	84.7	76.7	68.5	60.5	58.2	56.1	53.8	51.6	50.9	50.2
20°	57.8	54.4	50.9	47.3	43.8	43.3	42.7	42.2	41.7	42.1	42.5
22.5°	45.0	43.5	41.9	40.5	38.9	38.3	37.8	37.3	36.7	37.1	37.4
25°	40.1	39.0	37.9	36.9	35.8	35.3	34.6	34.1	33.4	33.7	34.1
27.5°	37.3	36.3	35.4	34.5	33.5	32.6	31.8	30.9	29.9	30.5	30.9
30°	34.7	33.7	32.7	31.7	30.6	29.6	28.7	27.6	26.7	27.2	27.8
32.5°	31.3	30.3	29.2	28.3	27.2	26.7	26.2	25.5	25.0	25.4	25.6
35°	27.6	26.8	26.2	25.4	24.6	24.0	23.6	23.1	22.6	22.7	23.0
37.5°	25.9	25.0	24.0	23.1	22.2	21.9	21.6	21.2	21.0	21.0	21.0
40°	24.2	23.2	22.3	21.2	20.3	19.9	19.5	19.1	18.7	18.7	18.7
42.5°	22.2	21.2	20.3	19.4	18.4	18.0	17.5	17.1	16.6	16.6	16.6
45°	20.6	19.6	18.8	17.9	17.0	16.3	15.6	14.8	14.2	14.0	13.9
47.5°	20.0	18.7	17.4	16.0	14.7	14.0	13.4	12.6	11.9	11.8	11.6
50°	23.0	20.3	17.6	15.0	12.3	11.8	11.2	10.7	10.2	9.9	9.7
52.5°	21.8	19.0	16.2	13.4	10.6	10.2	9.7	9.3	8.9	8.7	8.4
55°	14.0	12.8	11.8	10.6	9.3	9.1	8.8	8.4	8.1	7.9	7.6
57.5°	11.2	10.6	10.0	9.3	8.7	8.4	8.1	7.7	7.5	7.1	6.8
60°	10.2	9.6	9.1	8.5	8.0	7.7	7.5	7.2	6.9	6.5	6.3
62.5°	9.2	8.8	8.4	8.0	7.6	7.3	7.1	6.8	6.5	6.1	5.7
65°	8.3	8.0	7.7	7.5	7.2	6.9	6.7	6.3	6.0	5.6	5.2
67.5°	7.6	7.5	7.3	7.2	7.1	6.8	6.4	6.1	5.7	5.3	4.8
70°	7.2	7.2	7.2	7.1	7.1	6.8	6.4	6.1	5.7	5.2	4.8
72.5°	6.8	6.9	7.1	7.1	7.2	6.8	6.4	6.0	5.6	5.1	4.7
75°	6.5	6.7	6.8	6.8	6.9	6.7	6.4	6.0	5.7	5.2	4.7
77.5°	6.7	6.8	6.8	6.9	6.9	6.7	6.4	6.0	5.7	5.1	4.4
80°	6.7	6.5	6.4	6.1	6.0	5.5	4.9	4.3	3.7	2.9	2.3
82.5°	5.2	4.9	4.8	4.5	4.3	3.7	3.2	2.7	2.1	1.6	1.1
85°	4.1	3.9	3.7	3.5	3.2	2.8	2.3	1.9	1.3	1.1	0.7
87.5°	2.1	2.0	1.7	1.6	1.3	1.1	0.7	0.4	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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3
2.5°	277.0	283.8	282.9	281.9	286.3	290.8	287.6	284.5	281.3	278.1	271.4
5°	280.1	280.6	279.7	278.6	278.7	278.9	276.7	274.6	272.5	270.3	269.9
7.5°	223.7	225.8	228.8	231.6	231.7	231.7	230.1	228.5	226.8	225.2	226.0
10°	158.4	157.9	158.7	159.5	159.3	159.1	163.3	167.6	171.8	176.0	173.0
12.5°	117.3	117.9	114.6	111.3	112.5	113.5	114.2	114.9	115.5	116.2	118.1
15°	70.9	68.9	66.5	64.1	65.3	66.4	67.6	68.6	69.9	70.9	72.1
17.5°	49.4	48.7	47.7	46.5	46.6	46.7	46.9	47.0	47.0	47.1	47.4
20°	42.9	43.3	42.5	41.5	41.3	40.9	40.6	40.3	39.9	39.7	39.3
22.5°	37.8	38.1	38.2	38.2	37.7	37.0	36.5	36.1	35.5	35.0	34.7
25°	34.3	34.6	34.3	33.9	33.7	33.4	33.1	32.7	32.5	32.1	31.9
27.5°	31.4	31.8	31.8	31.7	31.4	31.0	30.3	29.8	29.1	28.4	28.6
30°	28.3	28.8	28.8	28.7	28.6	28.4	27.8	27.1	26.4	25.8	26.0
32.5°	26.0	26.3	26.2	26.0	26.0	25.9	25.4	25.0	24.4	23.9	23.9
35°	23.1	23.2	23.2	23.2	23.2	23.1	22.7	22.3	21.9	21.5	21.6
37.5°	21.0	21.0	21.4	21.6	21.4	21.1	20.8	20.4	20.2	19.8	19.8
40°	18.6	18.6	19.0	19.2	19.0	18.7	18.6	18.3	18.2	17.9	17.9
42.5°	16.4	16.4	16.8	17.1	17.1	17.0	16.7	16.4	16.2	15.9	16.0
45°	13.8	13.6	14.3	14.8	14.6	14.3	14.3	14.2	14.2	14.0	14.2
47.5°	11.4	11.2	11.8	12.3	12.2	11.9	11.9	11.9	11.9	11.9	12.0
50°	9.5	9.2	9.7	10.2	10.0	9.7	9.7	9.9	9.9	9.9	10.0
52.5°	8.1	7.9	8.3	8.5	8.4	8.3	8.3	8.4	8.4	8.4	8.5
55°	7.2	6.9	7.3	7.6	7.5	7.2	7.3	7.3	7.5	7.5	7.5
57.5°	6.4	6.0	6.3	6.5	6.5	6.4	6.5	6.5	6.7	6.7	6.7
60°	5.9	5.5	5.7	5.9	5.9	5.7	5.9	5.9	6.0	6.0	6.0
62.5°	5.2	4.8	5.1	5.2	5.2	5.1	5.2	5.2	5.3	5.3	5.3
65°	4.7	4.3	4.4	4.5	4.5	4.5	4.7	4.7	4.8	4.8	4.8
67.5°	4.4	3.9	4.0	4.1	4.1	4.1	4.3	4.3	4.4	4.4	4.5
70°	4.3	3.7	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.1
72.5°	4.1	3.6	3.6	3.6	3.7	3.7	3.7	3.9	3.9	3.9	3.9
75°	4.1	3.6	3.5	3.3	3.5	3.5	3.5	3.6	3.6	3.6	3.6
77.5°	3.6	2.9	2.7	2.3	2.7	2.9	3.1	3.1	3.2	3.2	3.2
80°	1.5	0.7	0.4	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9
82.5°	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.4	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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3
2.5°	264.7	258.0	251.4	254.6	257.8	261.0	264.2	263.9	263.5	263.2	262.8
5°	269.7	269.3	268.9	267.0	265.2	263.4	261.5	261.1	260.6	260.2	259.6
7.5°	226.8	227.4	228.3	226.1	224.0	221.8	219.7	214.2	208.8	203.1	197.7
10°	169.9	166.7	163.6	163.3	163.1	162.8	162.5	162.0	161.5	160.8	160.3
12.5°	120.1	121.9	123.8	123.1	122.5	121.7	121.0	121.9	123.0	123.9	124.9
15°	73.2	74.4	75.5	77.9	80.3	82.7	85.1	86.0	87.1	88.0	88.9
17.5°	47.7	47.8	48.1	50.8	53.3	56.0	58.5	60.2	62.0	63.6	65.3
20°	38.9	38.5	38.1	39.5	41.0	42.5	43.9	45.5	47.1	48.7	50.4
22.5°	34.6	34.3	34.1	34.6	35.1	35.5	36.1	37.3	38.6	39.8	41.0
25°	31.8	31.5	31.4	31.7	31.9	32.2	32.5	33.1	33.8	34.5	35.1
27.5°	28.6	28.7	28.7	29.0	29.1	29.4	29.5	29.8	30.2	30.5	30.7
30°	26.2	26.4	26.6	26.8	27.0	27.2	27.4	27.2	27.1	27.0	26.8
32.5°	23.9	23.8	23.8	24.0	24.2	24.4	24.6	24.8	25.1	25.2	25.5
35°	21.6	21.8	21.8	21.8	21.9	21.9	21.9	22.2	22.6	22.8	23.1
37.5°	19.6	19.6	19.5	19.9	20.2	20.6	20.8	21.1	21.5	21.8	22.0
40°	17.9	17.9	17.9	18.2	18.4	18.6	18.8	19.5	20.2	20.8	21.5
42.5°	16.0	16.2	16.2	16.4	16.7	16.8	17.1	17.6	18.0	18.6	19.0
45°	14.3	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.8	16.0	16.2
47.5°	12.3	12.4	12.6	12.8	13.0	13.2	13.4	13.2	13.2	13.1	13.0
50°	10.3	10.4	10.6	11.0	11.2	11.6	11.9	11.6	11.4	11.0	10.7
52.5°	8.7	8.7	8.8	9.1	9.3	9.5	9.7	9.6	9.5	9.3	9.2
55°	7.5	7.5	7.5	7.6	7.7	7.9	8.0	8.1	8.1	8.3	8.3
57.5°	6.7	6.5	6.5	6.7	6.8	6.8	6.9	7.1	7.1	7.2	7.2
60°	6.0	5.9	5.9	6.0	6.1	6.3	6.4	6.4	6.4	6.3	6.3
62.5°	5.3	5.3	5.3	5.5	5.5	5.6	5.6	5.6	5.7	5.7	5.7
65°	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.9	4.9	5.1	5.1
67.5°	4.5	4.7	4.7	4.5	4.4	4.3	4.1	4.3	4.3	4.4	4.4
70°	4.1	4.1	4.1	4.0	3.9	3.7	3.6	3.6	3.6	3.5	3.5
72.5°	3.9	3.7	3.7	3.6	3.3	3.2	2.9	2.8	2.8	2.7	2.5
75°	3.6	3.5	3.5	3.2	2.9	2.7	2.4	2.3	2.0	1.9	1.6
77.5°	3.2	3.2	3.2	2.8	2.5	2.1	1.7	1.5	1.2	0.8	0.5
80°	1.1	1.2	1.3	1.2	1.2	1.1	0.9	0.7	0.5	0.3	0.0
82.5°	0.1	0.1	0.1	0.1	0.1	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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3
2.5°	264.3	265.8	267.3	268.7	268.9	269.0	269.1	269.3	265.9	262.4	259.1
5°	262.3	265.1	267.8	270.5	269.0	267.5	266.0	264.6	264.4	264.4	264.3
7.5°	198.1	198.3	198.7	199.0	199.5	200.1	200.5	201.0	203.1	205.3	207.3
10°	158.5	156.8	154.9	153.2	151.9	150.4	149.1	147.6	148.7	149.9	150.9
12.5°	123.4	121.9	120.3	118.9	118.3	117.8	117.1	116.6	120.1	123.5	126.9
15°	88.7	88.4	88.0	87.7	89.5	91.2	93.0	94.7	97.6	100.4	103.4
17.5°	66.0	66.6	67.3	68.0	69.0	70.1	71.1	72.1	74.3	76.5	78.7
20°	51.2	52.1	52.9	53.7	53.4	53.2	52.8	52.5	54.2	56.0	57.6
22.5°	41.8	42.5	43.3	43.9	44.1	44.2	44.3	44.5	45.5	46.5	47.5
25°	35.8	36.6	37.3	37.9	38.1	38.2	38.3	38.5	39.8	41.1	42.3
27.5°	31.7	32.5	33.4	34.2	34.5	34.7	35.0	35.3	36.1	36.7	37.5
30°	27.9	29.0	30.1	31.1	31.5	31.9	32.3	32.7	33.5	34.5	35.3
32.5°	26.0	26.7	27.2	27.8	28.7	29.5	30.5	31.3	32.2	33.3	34.2
35°	23.9	24.6	25.4	26.0	26.7	27.4	27.9	28.6	29.1	29.6	30.1
37.5°	22.6	23.2	23.8	24.3	24.6	24.8	25.0	25.2	25.5	25.8	25.9
40°	21.5	21.4	21.4	21.2	21.5	21.9	22.2	22.4	23.2	23.9	24.7
42.5°	18.7	18.3	18.0	17.6	18.3	18.8	19.5	20.0	21.1	22.2	23.2
45°	15.9	15.6	15.2	15.0	15.9	16.8	17.8	18.7	19.9	21.0	22.2
47.5°	13.1	13.2	13.2	13.4	14.3	15.2	16.0	17.0	18.2	19.4	20.6
50°	11.0	11.2	11.5	11.8	12.7	13.5	14.4	15.2	16.6	17.8	19.1
52.5°	9.6	10.0	10.3	10.7	11.5	12.4	13.2	14.0	15.2	16.4	17.6
55°	8.7	9.2	9.6	10.0	10.7	11.4	12.0	12.7	13.9	15.1	16.2
57.5°	7.6	8.0	8.4	8.8	9.5	10.2	10.7	11.4	12.4	13.6	14.7
60°	6.7	6.9	7.3	7.6	8.1	8.8	9.3	9.9	11.0	12.0	13.0
62.5°	5.9	6.1	6.3	6.4	6.9	7.5	8.0	8.5	9.5	10.6	11.5
65°	5.2	5.3	5.3	5.5	5.9	6.4	6.8	7.2	8.3	9.2	10.3
67.5°	4.4	4.5	4.5	4.5	4.9	5.3	5.7	6.1	7.1	8.1	9.1
70°	3.5	3.6	3.6	3.6	4.0	4.5	4.9	5.3	6.1	6.9	7.7
72.5°	2.7	2.7	2.8	2.8	3.2	3.7	4.1	4.5	5.2	5.9	6.5
75°	1.7	1.9	1.9	2.0	2.4	2.9	3.3	3.7	4.4	5.1	5.6
77.5°	0.7	0.9	1.1	1.2	1.6	2.0	2.4	2.8	3.3	4.0	4.5
80°	0.0	0.1	0.1	0.1	0.4	0.5	0.8	0.9	1.3	1.9	2.3
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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3
2.5°	255.6	263.0	270.3	277.7	285.0	294.1	303.2	304.5	305.8	304.2	302.8
5°	264.2	267.8	271.3	274.9	278.3	288.8	299.0	299.2	299.2	299.3	299.3
7.5°	209.4	212.5	215.6	218.5	221.6	228.4	235.2	237.7	240.1	239.6	239.1
10°	152.0	156.0	159.9	163.9	167.7	174.0	180.3	182.7	185.0	192.3	199.8
12.5°	130.4	134.2	138.1	141.8	145.7	152.1	158.5	163.2	167.7	172.3	176.8
15°	106.2	109.3	112.5	115.5	118.6	121.5	124.5	130.2	135.8	140.4	144.9
17.5°	80.8	82.1	83.3	84.7	85.9	87.2	88.5	91.0	93.2	97.2	101.1
20°	59.3	60.4	61.4	62.4	63.4	64.8	66.1	67.8	69.5	70.4	71.2
22.5°	48.5	50.1	51.7	53.2	54.8	55.7	56.6	57.2	57.7	58.1	58.5
25°	43.7	45.1	46.5	47.9	49.3	49.7	50.1	51.2	52.2	52.2	52.2
27.5°	38.2	40.2	42.3	44.3	46.3	46.9	47.3	47.7	47.9	47.4	46.7
30°	36.1	38.1	40.1	41.9	43.9	44.7	45.4	45.8	46.2	45.5	44.9
32.5°	35.1	37.0	38.7	40.6	42.3	43.4	44.3	45.4	46.3	46.5	46.7
35°	30.6	31.8	33.1	34.3	35.5	36.1	36.6	37.0	37.3	37.3	37.3
37.5°	26.2	27.8	29.5	31.1	32.7	33.9	35.1	35.3	35.3	35.5	35.9
40°	25.4	27.0	28.6	30.1	31.7	33.0	34.2	34.3	34.5	34.7	35.0
42.5°	24.3	26.0	27.8	29.5	31.3	32.6	33.8	33.8	33.7	34.1	34.3
45°	23.2	25.0	26.6	28.3	29.9	31.7	33.3	32.9	32.3	33.0	33.5
47.5°	21.8	23.6	25.5	27.2	29.1	30.7	32.2	31.9	31.5	32.2	32.9
50°	20.3	22.2	24.0	25.9	27.8	29.5	31.1	30.9	30.6	31.4	32.1
52.5°	18.8	20.7	22.7	24.6	26.4	27.9	29.2	29.1	29.0	29.8	30.7
55°	17.4	19.1	21.0	22.7	24.4	26.0	27.5	27.2	27.0	27.6	28.3
57.5°	15.8	17.5	19.1	20.8	22.4	23.8	25.0	24.6	24.2	25.0	25.8
60°	14.0	15.6	17.2	18.7	20.3	21.4	22.3	22.0	21.6	22.4	23.2
62.5°	12.4	13.9	15.4	16.7	18.2	19.0	19.8	19.5	19.2	20.0	21.0
65°	11.2	12.4	13.5	14.7	15.8	16.6	17.4	17.0	16.6	17.5	18.3
67.5°	10.0	11.0	12.0	13.0	13.9	14.6	15.2	15.0	14.6	15.2	15.9
70°	8.5	9.5	10.4	11.2	12.2	12.8	13.5	13.1	12.6	13.2	13.9
72.5°	7.2	8.0	8.8	9.5	10.3	10.8	11.4	11.0	10.6	11.1	11.6
75°	6.3	6.9	7.6	8.1	8.8	9.1	9.3	9.2	8.9	9.5	9.9
77.5°	5.1	5.6	6.3	6.8	7.3	7.3	7.3	7.5	7.5	8.0	8.7
80°	2.7	3.2	3.7	4.1	4.7	4.7	4.5	4.8	4.9	5.6	6.3
82.5°	0.0	0.4	0.8	1.2	1.6	1.5	1.2	1.3	1.3	1.6	1.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3
2.5°	301.2	299.6	298.5	297.6	296.5	295.4	296.8	298.1	299.3	300.6	304.6
5°	299.4	299.4	298.5	297.6	296.6	295.7	297.7	299.6	301.6	303.4	303.3
7.5°	238.4	237.9	243.5	249.0	254.6	260.0	261.5	263.0	264.3	265.8	265.4
10°	207.1	214.5	216.9	219.3	221.7	224.1	227.0	230.0	232.9	235.9	236.9
12.5°	181.4	185.9	193.7	201.3	209.0	216.6	220.5	224.5	228.4	232.3	239.9
15°	149.5	154.0	160.7	167.3	174.0	180.7	186.8	193.1	199.3	205.4	214.6
17.5°	105.1	109.0	114.1	119.1	124.1	129.2	138.6	148.1	157.6	167.1	176.8
20°	72.1	72.9	75.3	77.9	80.3	82.7	91.2	99.9	108.4	117.0	129.8
22.5°	58.8	59.2	60.4	61.6	62.6	63.8	68.2	72.8	77.2	81.6	92.0
25°	52.1	52.1	52.9	53.7	54.5	55.3	57.7	60.1	62.4	64.8	71.5
27.5°	46.2	45.5	46.7	47.9	49.1	50.4	52.1	54.0	55.7	57.4	62.0
30°	44.2	43.5	45.0	46.5	47.9	49.4	51.2	52.9	54.5	56.2	59.3
32.5°	46.9	47.0	47.5	48.1	48.5	49.0	49.8	50.8	51.6	52.4	55.0
35°	37.3	37.3	38.2	39.1	39.9	40.9	42.3	43.8	45.3	46.7	49.6
37.5°	36.2	36.5	37.3	38.2	39.0	39.8	41.7	43.7	45.5	47.4	49.7
40°	35.1	35.4	36.5	37.5	38.6	39.7	41.5	43.3	45.1	46.9	49.0
42.5°	34.7	35.0	36.3	37.8	39.1	40.5	42.1	43.7	45.1	46.7	49.7
45°	34.2	34.7	36.3	38.1	39.7	41.3	42.7	44.2	45.7	47.1	50.8
47.5°	33.4	34.1	35.9	37.7	39.5	41.3	44.1	47.0	49.8	52.6	54.4
50°	32.9	33.5	35.5	37.5	39.5	41.5	46.1	50.6	55.0	59.6	58.6
52.5°	31.5	32.3	34.9	37.4	39.9	42.5	46.5	50.5	54.5	58.5	56.6
55°	29.0	29.6	32.6	35.5	38.3	41.3	44.2	47.1	50.0	52.9	50.8
57.5°	26.4	27.2	30.1	32.9	35.5	38.3	39.8	41.3	42.7	44.2	43.4
60°	24.0	24.8	28.6	32.3	36.1	39.8	38.5	37.1	35.7	34.3	35.3
62.5°	21.8	22.6	26.2	29.6	33.3	36.7	34.9	33.0	31.1	29.2	30.7
65°	19.2	20.0	21.4	22.8	24.2	25.5	25.4	25.1	25.0	24.7	26.3
67.5°	16.6	17.2	17.9	18.7	19.4	20.0	20.4	21.0	21.4	21.8	23.1
70°	14.4	15.1	15.9	16.6	17.4	18.0	18.3	18.6	18.7	19.0	20.2
72.5°	12.0	12.6	13.6	14.7	15.6	16.7	16.8	16.8	17.0	17.0	17.9
75°	10.4	10.8	11.6	12.4	13.1	13.9	14.3	14.7	15.0	15.4	15.9
77.5°	9.2	9.7	10.0	10.2	10.4	10.6	10.8	11.1	11.4	11.6	11.8
80°	6.8	7.5	7.7	7.9	8.1	8.3	8.3	8.1	8.1	8.0	8.1
82.5°	2.1	2.4	2.8	3.2	3.6	4.0	4.1	4.3	4.3	4.4	4.3
85°	0.4	0.5	0.8	1.1	1.2	1.5	1.3	1.1	0.9	0.7	0.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366721  
 CATALOG NUMBER: MSA-SA1A-830-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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3
2.5°	308.7	312.5	316.5	314.9	313.3	311.7	310.1	310.4	310.8	311.1	311.3
5°	303.2	302.9	302.8	307.3	312.0	316.5	321.1	326.0	331.1	336.0	341.0
7.5°	265.0	264.4	264.0	269.9	275.8	281.7	287.6	294.4	301.3	308.1	314.9
10°	238.0	239.1	240.1	242.5	245.1	247.5	249.9	256.4	263.0	269.4	275.9
12.5°	247.5	255.0	262.6	264.0	265.4	266.8	268.2	269.1	270.1	271.0	271.9
15°	224.0	233.2	242.4	246.3	250.0	253.9	257.6	267.5	277.3	287.2	296.9
17.5°	186.6	196.2	205.9	217.6	229.2	240.8	252.4	263.1	273.8	284.5	295.2
20°	142.8	155.6	168.4	183.1	197.9	212.6	227.3	238.0	248.6	259.2	269.8
22.5°	102.6	113.0	123.4	141.2	158.8	176.6	194.2	212.8	231.5	250.0	268.6
25°	78.1	84.7	91.4	108.9	126.3	143.7	161.2	186.7	212.2	237.7	263.2
27.5°	66.4	70.9	75.3	91.1	106.8	122.5	138.2	168.6	198.9	229.2	259.5
30°	62.5	65.6	68.6	82.0	95.5	108.9	122.2	152.9	183.6	214.4	245.1
32.5°	57.7	60.2	62.9	74.7	86.4	98.0	109.8	139.8	169.9	199.8	229.9
35°	52.2	55.0	57.7	69.5	81.2	92.8	104.6	135.7	166.8	197.9	229.1
37.5°	51.8	54.1	56.2	69.9	83.6	97.2	110.9	142.0	173.1	204.1	235.2
40°	51.3	53.4	55.6	69.5	83.2	97.1	110.9	143.4	176.0	208.6	241.2
42.5°	52.6	55.4	58.4	70.7	82.9	95.1	107.4	141.7	176.0	210.2	244.5
45°	54.5	58.1	61.7	72.9	84.1	95.4	106.6	143.8	181.1	218.2	255.5
47.5°	56.2	58.0	59.7	70.4	80.9	91.6	102.2	140.2	178.3	216.4	254.4
50°	57.8	56.9	56.0	67.7	79.5	91.1	102.8	139.2	175.4	211.7	247.9
52.5°	54.6	52.8	50.8	63.3	75.9	88.3	100.8	137.4	174.0	210.6	247.2
55°	48.6	46.5	44.3	56.8	69.0	81.5	93.8	130.2	166.7	203.1	239.6
57.5°	42.5	41.7	40.7	50.2	59.7	69.0	78.5	119.0	159.6	200.1	240.5
60°	36.2	37.0	37.9	44.7	51.6	58.2	65.0	104.7	144.2	183.9	223.4
62.5°	32.1	33.5	34.9	40.6	46.5	52.2	58.0	95.4	132.8	170.2	207.5
65°	28.0	29.6	31.3	38.1	45.0	51.8	58.6	90.3	121.9	153.6	185.2
67.5°	24.4	25.6	27.0	35.9	44.9	53.8	62.8	88.7	114.5	140.4	166.1
70°	21.4	22.4	23.6	34.1	44.5	54.9	65.3	87.3	109.5	131.6	153.6
72.5°	18.8	19.8	20.7	31.3	41.8	52.4	62.9	82.5	102.0	121.7	141.2
75°	16.4	16.8	17.4	26.3	35.1	44.1	52.9	66.0	79.2	92.3	105.4
77.5°	11.9	11.9	12.0	14.7	17.2	19.9	22.4	30.6	38.7	46.7	54.9
80°	8.1	8.3	8.3	9.3	10.3	11.4	12.3	14.0	15.6	17.4	19.0
82.5°	4.1	3.9	3.7	4.8	5.9	6.9	8.0	8.4	8.7	9.1	9.3
85°	0.4	0.1	0.0	0.7	1.3	2.0	2.7	3.2	3.7	4.3	4.8
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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-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: P366721

CATALOG NUMBER: MSA-SA1A-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3
2.5°	310.3	309.2	308.1	307.1	313.6	320.3	326.8	333.4	351.9	364.1	362.7
5°	345.8	350.6	355.4	360.2	368.0	375.8	383.6	391.3	418.8	435.7	438.1
7.5°	322.4	329.8	337.2	344.6	359.5	374.4	389.3	404.1	426.7	444.2	454.1
10°	284.3	292.8	301.0	309.5	326.3	343.2	360.1	376.9	402.3	426.5	438.9
12.5°	285.1	298.4	311.6	324.8	339.5	354.2	368.8	383.4	398.9	407.1	424.6
15°	307.3	317.7	328.2	338.6	357.8	377.0	396.1	415.4	424.6	444.2	464.6
17.5°	315.5	335.9	356.2	376.5	400.5	424.4	448.5	472.4	489.8	517.0	538.1
20°	300.4	331.0	361.4	392.0	425.0	458.0	491.0	523.9	542.9	568.8	601.4
22.5°	301.0	333.5	365.8	398.3	443.8	489.2	534.8	580.2	631.1	681.0	696.9
25°	305.7	348.2	390.5	433.0	485.6	538.2	590.9	643.5	704.9	757.4	778.5
27.5°	307.3	355.1	402.8	450.6	525.4	600.2	675.0	749.8	823.1	882.4	905.0
30°	303.4	361.9	420.3	478.7	570.4	662.2	753.9	845.7	915.3	984.3	1012.4
32.5°	304.4	378.9	453.4	528.0	636.0	744.2	852.2	960.3	1004.8	1067.0	1116.4
35°	310.8	392.5	474.1	555.9	675.4	794.9	914.5	1034.0	1106.9	1172.6	1214.6
37.5°	325.7	416.3	506.7	597.3	744.2	891.2	1038.1	1185.1	1297.9	1410.8	1430.0
40°	336.8	432.5	528.1	623.7	794.3	964.8	1135.4	1305.9	1433.6	1556.1	1569.2
42.5°	349.4	454.1	558.9	663.7	854.4	1045.1	1235.8	1426.5	1574.4	1699.3	1707.9
45°	363.1	470.9	578.6	686.2	886.0	1085.7	1285.5	1485.2	1657.9	1802.9	1770.2
47.5°	369.7	485.0	600.2	715.5	929.7	1143.8	1358.0	1572.1	1727.0	1855.0	1816.8
50°	374.8	501.5	628.4	755.1	979.8	1204.4	1429.1	1653.7	1809.0	1927.1	1867.3
52.5°	389.1	530.8	672.6	814.3	1053.2	1292.0	1531.0	1769.8	1920.0	2028.5	1944.6
55°	402.9	566.2	729.5	892.7	1149.7	1406.8	1663.7	1920.7	2070.3	2163.2	2049.3
57.5°	420.4	600.5	780.4	960.3	1235.1	1510.0	1784.7	2059.6	2205.9	2308.6	2190.2
60°	415.9	608.2	800.7	993.0	1272.9	1552.9	1832.8	2112.8	2286.5	2412.7	2332.5
62.5°	398.3	589.0	779.6	970.3	1245.3	1520.2	1795.2	2070.0	2278.2	2449.2	2422.2
65°	362.6	539.8	717.2	894.4	1157.0	1419.7	1682.3	1944.9	2201.8	2419.4	2429.0
67.5°	315.7	465.3	614.8	764.4	1009.3	1254.2	1499.1	1744.0	2047.3	2301.1	2329.7
70°	266.0	378.4	490.8	603.1	818.7	1034.3	1249.7	1465.3	1780.6	2036.0	2089.9
72.5°	213.3	285.5	357.7	429.8	585.4	740.8	896.4	1051.9	1329.3	1527.5	1621.7
75°	138.2	171.1	203.9	236.8	340.4	443.9	547.6	651.1	835.3	981.3	1087.7
77.5°	61.6	68.2	74.8	81.5	161.5	241.5	321.5	401.5	481.5	569.6	594.6
80°	22.0	25.0	28.0	31.0	70.3	109.7	148.9	188.2	226.9	272.5	283.5
82.5°	9.2	9.2	9.1	8.9	23.0	37.0	51.0	65.0	75.2	86.4	88.5
85°	3.7	2.8	1.7	0.7	2.9	5.3	7.6	9.9	15.9	14.4	26.7
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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-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: P366721

CATALOG NUMBER: MSA-SA1A-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3
2.5°	357.7	357.4	357.1	356.9	356.6	351.8	347.1	342.3	337.6	343.5	349.4
5°	434.2	441.1	448.1	455.2	462.1	464.1	466.1	468.1	470.1	474.4	478.7
7.5°	462.4	474.1	485.8	497.5	509.1	519.9	530.6	541.4	552.3	549.6	546.9
10°	452.6	473.9	495.1	516.5	537.7	542.4	547.1	551.9	556.5	568.7	580.8
12.5°	442.1	467.6	493.1	518.6	544.1	558.3	572.3	586.5	600.6	612.9	625.2
15°	492.2	508.5	524.8	541.2	557.5	569.9	582.2	594.6	606.9	615.4	623.9
17.5°	558.0	566.0	574.0	582.2	590.2	599.9	609.7	619.4	629.2	634.3	639.3
20°	627.6	631.1	634.5	638.0	641.5	633.7	626.0	618.2	610.5	615.3	620.0
22.5°	697.4	698.6	700.0	701.2	702.4	684.4	666.3	648.3	630.3	622.6	615.0
25°	805.0	796.1	787.3	778.5	769.7	748.3	727.0	705.6	684.2	665.4	646.6
27.5°	921.4	891.5	861.7	831.8	802.0	780.6	759.3	737.9	716.5	688.2	659.9
30°	1038.8	990.6	942.5	894.3	846.2	820.8	795.5	770.0	744.6	716.3	688.1
32.5°	1146.5	1088.5	1030.5	972.4	914.5	871.7	829.0	786.3	743.5	723.8	704.0
35°	1235.7	1167.2	1098.7	1030.0	961.5	919.1	876.8	834.5	792.1	762.8	733.5
37.5°	1388.2	1311.1	1234.1	1157.0	1080.0	1022.1	964.4	906.6	848.8	829.1	809.5
40°	1528.8	1431.7	1334.6	1237.6	1140.5	1092.0	1043.6	995.1	946.8	914.6	882.6
42.5°	1640.6	1538.3	1436.2	1333.8	1231.5	1183.6	1135.8	1087.8	1039.9	1018.4	997.0
45°	1664.8	1568.4	1472.1	1375.7	1279.2	1251.3	1223.5	1195.6	1167.8	1153.0	1138.3
47.5°	1712.5	1607.9	1503.5	1398.9	1294.3	1281.8	1269.2	1256.5	1244.0	1251.0	1258.1
50°	1739.2	1632.5	1525.8	1419.1	1312.3	1316.0	1319.4	1323.0	1326.6	1376.9	1426.9
52.5°	1791.0	1683.2	1575.5	1467.7	1359.9	1382.6	1405.2	1427.9	1450.4	1519.6	1588.7
55°	1883.6	1777.7	1671.8	1565.7	1459.8	1489.7	1519.6	1549.7	1579.6	1653.1	1726.4
57.5°	2020.7	1915.6	1810.7	1705.5	1600.6	1630.3	1660.1	1689.9	1719.7	1786.1	1852.3
60°	2193.4	2085.5	1977.7	1869.8	1762.0	1773.3	1784.3	1795.6	1806.8	1878.1	1949.3
62.5°	2327.9	2228.7	2129.6	2030.4	1931.3	1918.8	1906.5	1894.1	1881.8	1936.1	1990.2
65°	2359.2	2289.3	2219.6	2149.8	2079.9	2041.7	2003.6	1965.4	1927.2	1949.2	1971.1
67.5°	2269.7	2222.5	2175.5	2128.4	2081.2	2001.5	1921.8	1841.9	1762.2	1750.6	1738.9
70°	2062.0	2036.2	2010.6	1984.8	1959.2	1836.3	1713.6	1590.7	1467.9	1438.4	1408.9
72.5°	1627.1	1643.2	1659.2	1675.4	1691.4	1559.8	1428.4	1296.9	1165.3	1127.9	1090.6
75°	1147.4	1201.8	1256.1	1310.5	1364.8	1244.9	1125.1	1005.2	885.2	849.3	813.5
77.5°	622.1	724.0	825.9	927.8	1029.7	930.8	831.9	733.0	634.0	609.0	584.2
80°	294.9	353.7	412.3	471.1	529.8	507.5	485.2	462.8	440.5	446.0	451.4
82.5°	90.4	132.9	175.4	217.8	260.3	263.6	266.8	270.2	273.5	281.8	290.0
85°	30.3	41.5	52.8	64.0	75.2	95.0	114.7	134.6	154.4	141.6	128.9
87.5°	0.0	0.4	0.7	1.1	1.3	4.1	6.9	9.7	12.6	10.8	9.2
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: P366721  
 CATALOG NUMBER: MSA-SA1A-830-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: P366721

CATALOG NUMBER: MSA-SA1A-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3
2.5°	355.4	361.3	361.4	361.7	361.8	361.9	362.6	363.3	364.1	364.7	360.3
5°	483.1	487.4	479.5	471.6	463.6	455.7	462.8	469.9	476.9	484.0	480.9
7.5°	544.1	541.4	540.5	539.7	538.8	538.0	540.6	543.3	546.0	548.7	548.4
10°	593.0	605.2	608.1	611.0	614.1	617.0	610.9	604.8	598.6	592.5	589.9
12.5°	637.5	649.8	659.5	669.3	679.1	688.9	680.1	671.4	662.6	653.9	645.6
15°	632.4	640.8	648.8	656.8	664.9	672.9	669.9	667.1	664.2	661.2	659.9
17.5°	644.6	649.6	647.8	645.9	643.9	642.0	641.1	640.3	639.3	638.4	635.2
20°	624.8	629.6	628.4	627.3	626.1	624.9	624.1	623.3	622.5	621.7	619.2
22.5°	607.4	599.8	597.8	595.9	593.9	592.1	592.3	592.6	592.7	593.0	604.5
25°	627.7	608.9	601.5	594.2	586.7	579.4	582.7	585.9	589.3	592.6	609.2
27.5°	631.5	603.1	591.4	579.6	567.9	556.1	568.2	580.2	592.2	604.2	631.1
30°	659.8	631.6	615.2	598.9	582.4	566.2	581.5	596.9	612.2	627.6	656.7
32.5°	684.1	664.3	652.6	640.8	629.1	617.3	618.0	618.5	619.2	619.8	660.8
35°	704.1	674.9	664.2	653.6	643.0	632.4	648.3	664.2	680.1	696.0	732.8
37.5°	789.9	770.2	750.6	731.1	711.5	692.0	704.7	717.3	730.2	742.9	783.6
40°	850.4	818.3	813.2	808.3	803.2	798.3	804.8	811.2	817.8	824.3	860.0
42.5°	975.5	954.0	940.3	926.6	912.9	899.2	904.5	909.7	915.0	920.2	954.0
45°	1123.5	1108.7	1099.6	1090.5	1081.3	1072.2	1064.3	1056.6	1048.7	1041.0	1075.3
47.5°	1265.2	1272.3	1292.3	1312.2	1332.2	1352.1	1335.9	1319.6	1303.1	1286.8	1287.0
50°	1477.2	1527.2	1537.4	1547.4	1557.6	1567.6	1532.8	1498.1	1463.3	1428.5	1424.4
52.5°	1657.9	1726.9	1730.5	1734.1	1737.9	1741.5	1727.4	1713.4	1699.3	1685.2	1648.0
55°	1799.8	1873.2	1878.1	1882.9	1887.8	1892.7	1880.4	1868.2	1855.9	1843.6	1806.0
57.5°	1918.7	1984.9	1987.9	1990.7	1993.6	1996.6	1997.5	1998.4	1999.5	2000.4	1949.6
60°	2020.6	2091.9	2086.0	2080.3	2074.4	2068.7	2059.9	2051.1	2042.2	2033.4	2000.6
62.5°	2044.4	2098.6	2089.5	2080.6	2071.5	2062.5	2055.1	2047.7	2040.2	2032.8	2011.8
65°	1993.0	2014.9	2005.5	1996.2	1986.7	1977.3	1972.5	1967.8	1963.0	1958.2	1955.6
67.5°	1727.2	1715.6	1726.6	1737.7	1748.8	1759.9	1775.0	1790.1	1805.3	1820.4	1811.6
70°	1379.3	1349.7	1362.0	1374.2	1386.5	1398.6	1421.5	1444.3	1467.3	1490.1	1484.0
72.5°	1053.2	1015.8	1017.6	1019.3	1021.2	1022.9	1022.3	1021.7	1021.1	1020.4	1031.1
75°	777.6	741.6	724.7	707.7	690.8	673.8	669.7	665.5	661.4	657.2	677.1
77.5°	559.2	534.4	522.7	511.3	499.6	488.2	494.0	499.9	505.9	511.8	518.7
80°	457.0	462.5	453.6	444.7	435.8	426.9	433.5	440.1	446.8	453.4	432.7
82.5°	298.2	306.4	278.9	251.4	223.8	196.3	213.0	229.7	246.5	263.2	254.7
85°	116.1	103.4	88.1	73.1	57.8	42.6	55.4	68.2	81.1	93.9	102.4
87.5°	7.5	5.9	4.7	3.5	2.1	0.9	2.0	3.1	4.3	5.3	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



REPORT NUMBER: P366721  
 CATALOG NUMBER: MSA-SA1A-830-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: P366721

CATALOG NUMBER: MSA-SA1A-830-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3	282.3
2.5°	356.1	351.7	347.4	339.0	330.6	322.1	313.7	325.5	337.2	349.0	360.7
5°	478.0	474.9	472.0	472.8	473.6	474.5	475.3	477.1	478.8	480.4	482.1
7.5°	548.3	548.0	547.7	541.6	535.4	529.2	523.0	526.1	529.2	532.2	535.3
10°	587.5	585.0	582.4	569.0	555.5	541.8	528.4	522.5	516.5	510.6	504.7
12.5°	637.3	628.9	620.6	606.2	591.9	577.5	563.1	557.7	552.3	546.9	541.4
15°	658.7	657.4	656.2	645.9	635.5	625.2	614.8	596.5	578.0	559.7	541.4
17.5°	632.0	628.7	625.5	641.7	657.9	674.2	690.5	671.5	652.6	633.6	614.6
20°	616.6	614.1	611.6	641.9	672.1	702.4	732.6	724.2	715.6	707.2	698.8
22.5°	616.0	627.6	639.1	665.7	692.1	718.7	745.1	759.7	774.4	788.9	803.5
25°	625.7	642.4	659.0	703.1	747.1	791.3	835.4	852.1	868.7	885.4	901.9
27.5°	657.8	684.6	711.3	749.8	788.3	826.9	865.3	901.8	938.4	974.8	1011.3
30°	685.7	714.8	743.9	789.7	835.4	881.2	926.9	972.6	1018.2	1063.9	1109.6
32.5°	701.8	743.0	784.0	839.7	895.2	950.9	1006.6	1056.7	1106.8	1156.7	1206.8
35°	769.7	806.7	843.6	905.1	966.7	1028.4	1090.0	1151.9	1213.9	1275.7	1337.7
37.5°	824.3	865.2	905.9	973.2	1040.4	1107.7	1175.0	1260.7	1346.4	1432.0	1517.6
40°	895.6	931.3	967.0	1030.0	1092.9	1155.9	1219.0	1327.6	1436.2	1544.6	1653.2
42.5°	987.7	1021.5	1055.2	1122.7	1190.1	1257.6	1325.0	1445.2	1565.4	1685.5	1805.7
45°	1109.6	1144.1	1178.4	1232.1	1285.8	1339.5	1393.1	1521.0	1648.6	1776.5	1904.1
47.5°	1287.1	1287.2	1287.4	1326.1	1364.8	1403.7	1442.4	1571.2	1699.8	1828.5	1957.2
50°	1420.3	1416.0	1411.8	1431.9	1451.8	1471.8	1491.8	1610.3	1728.9	1847.4	1965.8
52.5°	1610.8	1573.6	1536.5	1548.3	1560.1	1572.0	1583.7	1684.0	1784.5	1884.8	1985.1
55°	1768.4	1730.8	1693.1	1688.7	1684.3	1679.9	1675.5	1767.8	1860.1	1952.4	2044.6
57.5°	1898.8	1847.9	1797.2	1787.0	1777.0	1766.8	1756.7	1854.1	1951.3	2048.7	2145.9
60°	1967.8	1935.0	1902.1	1895.6	1888.9	1882.4	1875.7	1955.6	2035.4	2115.3	2195.2
62.5°	1991.0	1970.0	1949.2	1961.4	1973.7	1986.1	1998.4	2033.6	2068.6	2103.7	2138.7
65°	1953.0	1950.4	1947.7	1972.9	1998.0	2023.3	2048.5	2039.8	2031.0	2022.3	2013.7
67.5°	1802.9	1794.1	1785.4	1840.8	1896.1	1951.6	2007.0	1964.9	1922.7	1880.6	1838.6
70°	1477.8	1471.5	1465.4	1545.3	1625.1	1705.1	1785.0	1734.0	1683.0	1632.0	1580.9
72.5°	1041.6	1052.3	1063.0	1157.2	1251.2	1345.3	1439.4	1387.9	1336.5	1285.1	1233.7
75°	696.9	716.8	736.7	833.7	930.6	1027.7	1124.7	1064.3	1004.0	943.6	883.2
77.5°	525.7	532.6	539.6	600.9	662.2	723.6	784.9	735.1	685.2	635.3	585.4
80°	412.0	391.2	370.5	390.7	410.8	431.0	451.2	421.4	391.6	361.9	332.2
82.5°	246.1	237.6	229.1	240.0	250.8	261.8	272.7	259.9	246.9	234.1	221.2
85°	110.9	119.4	127.8	138.9	149.9	160.9	172.0	154.1	136.2	118.3	100.4
87.5°	12.4	16.0	19.6	24.3	29.0	33.7	38.3	29.9	21.4	13.0	4.5
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



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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°	282.3	282.3
2.5°	367.6	374.4
5°	482.0	481.7
7.5°	527.3	519.1
10°	497.2	489.8
12.5°	522.3	503.2
15°	527.0	512.6
17.5°	591.1	567.5
20°	668.5	638.0
22.5°	761.8	720.0
25°	852.2	802.6
27.5°	981.5	951.6
30°	1079.4	1049.1
32.5°	1186.3	1165.7
35°	1317.3	1296.7
37.5°	1523.0	1528.2
40°	1656.4	1659.6
42.5°	1818.1	1830.6
45°	1918.0	1931.9
47.5°	1976.5	1995.9
50°	1997.1	2028.4
52.5°	2023.7	2062.1
55°	2087.5	2130.4
57.5°	2180.1	2214.3
60°	2196.8	2198.4
62.5°	2114.0	2089.3
65°	1987.3	1961.0
67.5°	1822.7	1806.6
70°	1559.8	1538.7
72.5°	1194.4	1155.1
75°	834.6	786.0
77.5°	559.9	534.4
80°	333.0	333.6
82.5°	227.3	233.3
85°	99.2	97.9
87.5°	3.2	1.7
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



REPORT NUMBER: P366721  
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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)