

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: P676052

Luminaire Tested: **CCW-SA-1A-840-U-SLR**

Issue Date: 04/25/2023

Test Information

Test Method: LM-79-08
Report Number: P676052
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/25/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCW-SA-1A-840-U-SLR
Description: INVUE CLEAR CURVE Wall Pack MOUNT LIGHT SQUARE LUMINAIRE @350mA w/
SLR distribution lens
Light Source: (16) 4000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1935.7 lumens
Efficiency: N/A
Efficacy: 107.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G1

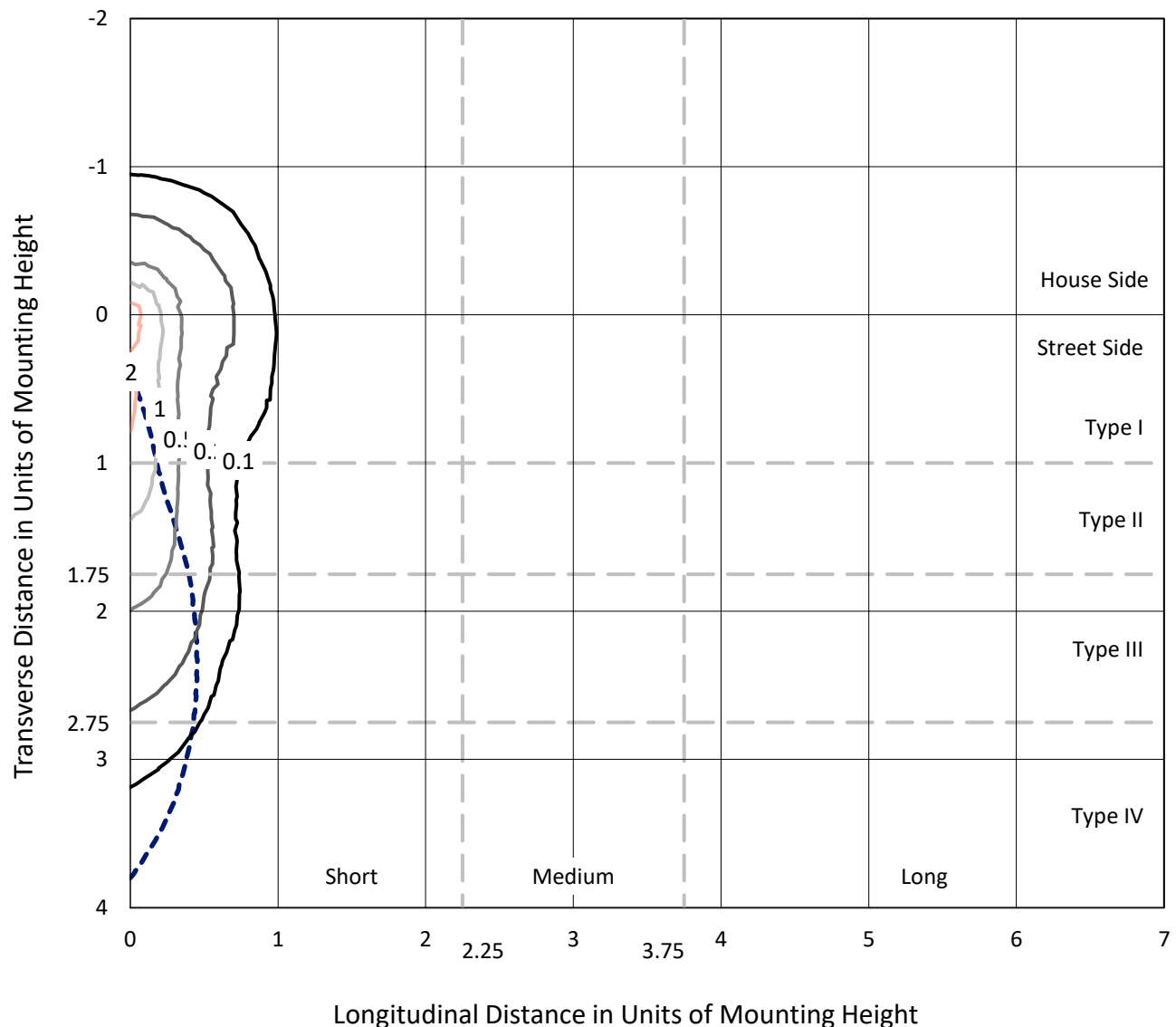
Input Watts (W): 18
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

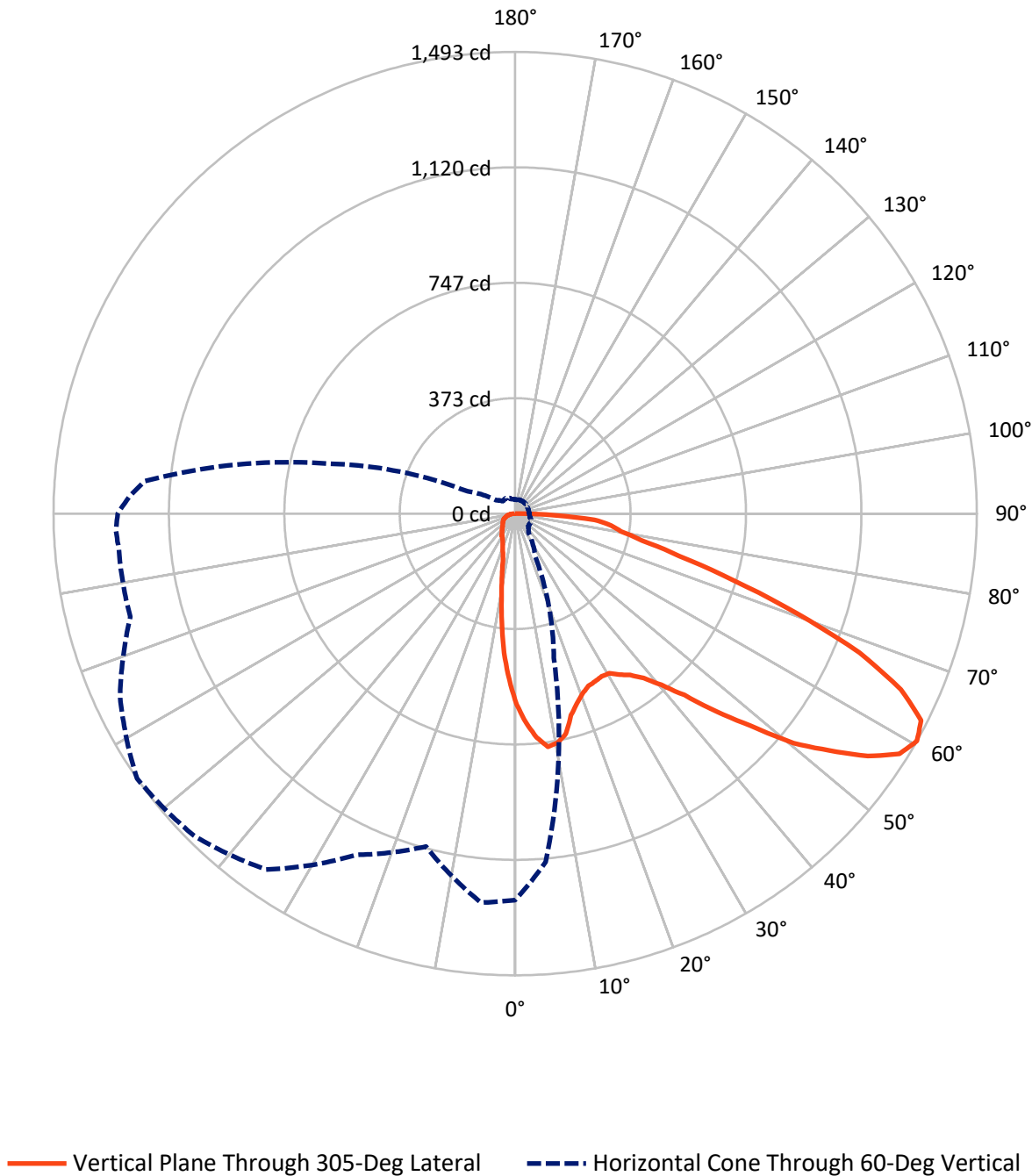
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 2.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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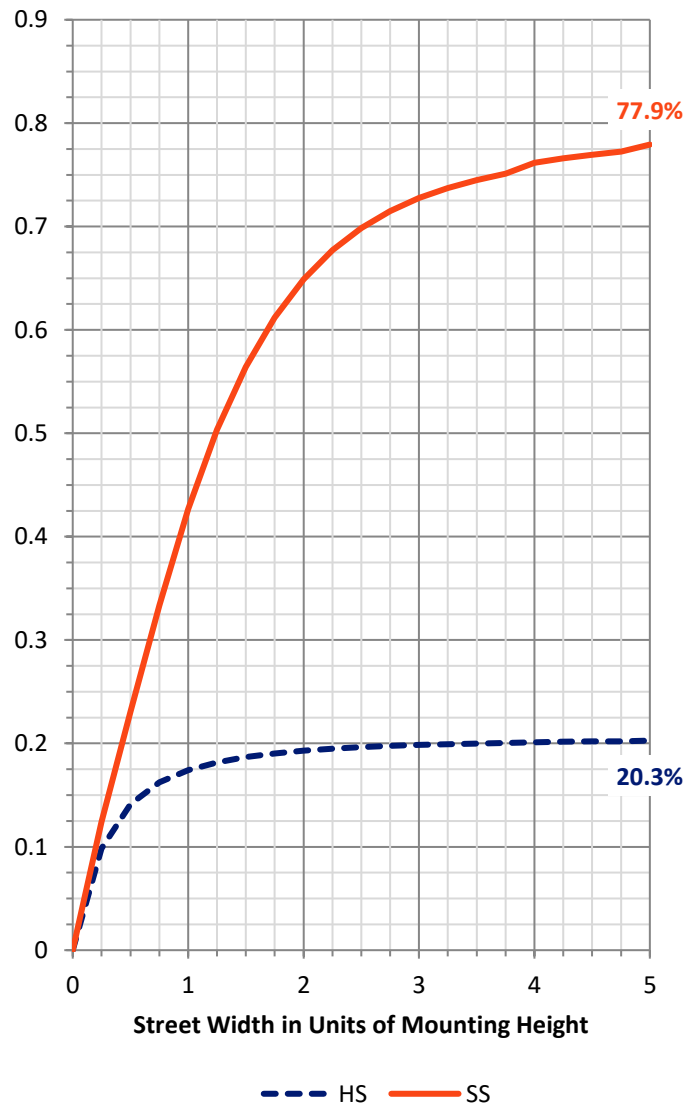
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	398.3	0.0	398.3
	% Fixture	20.6	0.0	20.6
Street Side	Lumens	1537.4	0.0	1537.4
	% Fixture	79.4	0.0	79.4
Total	Lumens	1935.7	0.0	1935.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.0	2.5
10°-20°	101.4	5.2
20°-30°	148.4	7.7
30°-40°	209.0	10.8
40°-50°	287.2	14.8
50°-60°	391.5	20.2
60°-70°	428.5	22.1
70°-80°	247.5	12.8
80°-90°	74.2	3.8
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°	1935.7	100.0
0°-180°	1935.7	100.0

Coefficient of Utilization



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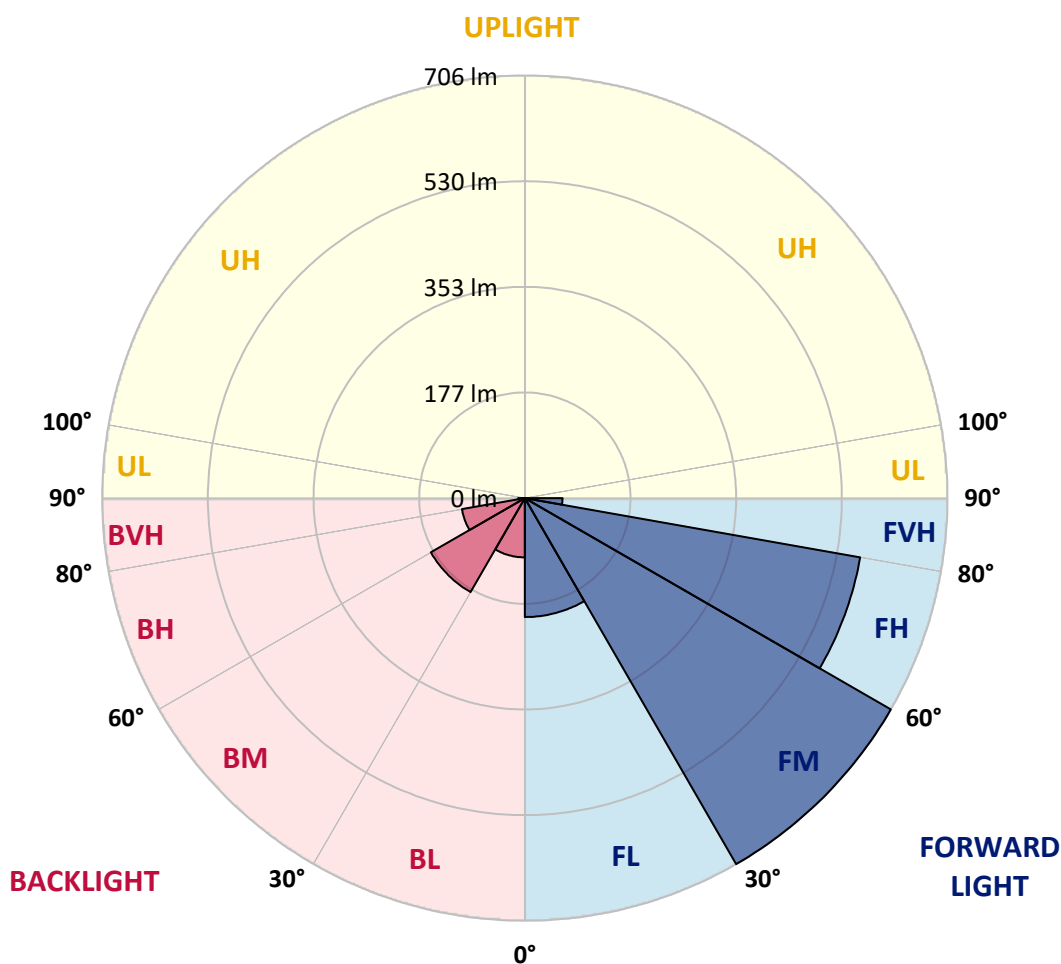
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	198.8	10.3			
FM	(30°-60°)	706.4	36.5			
FH	(60°-80°)	569.2	29.4			G0/660
FVH	(80°-90°)	63.0	3.3			G1/100
BL	(0°-30°)	99.0	5.1	B0/110		
BM	(30°-60°)	181.4	9.4	B0/220		
BH	(60°-80°)	106.7	5.5	B0/110		G0/110
BVH	(80°-90°)	11.2	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-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°	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2
2.5°	637.9	634.5	631.9	629.3	625.9	623.3	619.9	616.4	612.1	608.7	604.4
5°	601.0	590.7	580.4	574.4	567.5	561.5	554.6	546.9	539.2	530.6	522.9
7.5°	560.6	547.7	534.9	524.6	513.4	503.1	491.9	482.5	473.1	463.6	454.2
10°	522.9	510.8	498.8	485.9	472.2	459.3	445.6	432.7	419.8	406.9	394.1
12.5°	498.0	483.4	469.6	455.0	441.3	426.7	412.1	400.1	388.1	375.2	363.2
15°	486.8	473.1	460.2	445.6	431.0	416.4	401.8	388.1	375.2	361.4	347.7
17.5°	513.4	493.7	473.9	455.0	436.1	417.3	398.4	381.2	364.0	346.9	329.7
20°	547.7	522.9	498.8	475.6	451.6	428.4	404.4	380.3	356.3	332.3	308.2
22.5°	591.5	563.2	535.7	505.7	474.8	444.7	413.8	383.8	353.7	322.8	292.8
25°	669.7	636.2	602.7	559.8	516.0	473.1	429.3	389.8	351.1	311.7	272.2
27.5°	736.6	691.1	646.5	595.0	543.5	491.9	440.4	394.9	350.3	304.8	259.3
30°	776.1	731.5	686.8	624.2	562.3	499.7	437.0	386.3	336.5	285.9	235.2
32.5°	812.2	762.4	712.6	643.9	574.4	505.7	436.1	380.3	325.4	269.6	213.8
35°	862.0	807.0	752.9	673.1	593.3	513.4	433.6	376.0	317.7	260.1	201.8
37.5°	915.2	847.4	780.4	692.0	603.6	515.1	426.7	370.0	313.4	256.7	200.0
40°	973.6	891.2	809.6	711.7	614.7	516.8	419.0	362.3	305.6	248.1	191.5
42.5°	1011.4	922.1	832.8	727.2	622.4	516.8	411.2	355.4	299.6	243.0	187.2
45°	1032.8	946.1	860.3	746.1	631.9	517.7	403.5	348.6	293.6	237.8	182.9
47.5°	1042.3	961.6	880.9	760.7	641.3	521.1	400.9	345.1	288.5	232.7	176.0
50°	1067.2	995.9	924.6	795.9	667.9	539.2	410.4	350.3	291.0	230.9	170.8
52.5°	1081.8	1020.8	959.9	827.6	695.4	563.2	431.0	364.0	297.1	230.1	163.1
55°	1135.0	1076.6	1018.2	877.4	735.8	595.0	453.3	379.5	305.6	230.9	157.1
57.5°	1202.8	1141.0	1080.0	928.1	776.1	624.2	472.2	393.2	313.4	234.4	154.5
60°	1250.0	1189.9	1130.7	969.3	807.0	645.6	483.4	400.9	318.5	235.2	152.8
62.5°	1255.2	1177.9	1101.5	944.4	787.3	629.3	472.2	392.4	312.5	231.8	152.0
65°	1222.6	1132.4	1042.3	892.0	741.8	591.5	441.3	368.3	295.3	221.5	148.5
67.5°	1157.3	1051.7	946.1	808.7	671.4	534.0	396.6	334.0	272.2	209.5	146.8
70°	1005.4	912.6	820.8	701.4	583.0	463.6	344.3	292.8	242.1	190.6	139.1
72.5°	843.9	757.2	671.4	574.4	478.2	381.2	284.2	245.5	206.9	167.4	128.8
75°	646.5	581.2	516.8	444.7	372.6	299.6	227.5	199.2	170.8	142.5	114.2
77.5°	454.2	419.0	384.6	330.5	276.5	222.4	168.3	149.4	130.5	111.6	92.7
80°	308.2	288.5	269.6	230.9	192.3	152.8	114.2	102.2	89.3	77.3	64.4
82.5°	191.5	190.6	188.9	162.3	135.6	109.0	82.4	72.1	62.7	52.4	42.1
85°	87.6	102.2	115.9	101.3	86.7	72.1	57.5	50.7	43.8	36.1	29.2
87.5°	27.5	33.5	38.6	36.9	34.3	32.6	30.0	25.8	21.5	17.2	12.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2
2.5°	601.0	598.4	595.0	591.5	587.2	583.8	579.5	575.2	574.4	572.6	571.8
5°	517.7	512.5	506.5	501.4	496.2	490.2	485.1	479.1	474.8	469.6	465.3
7.5°	444.7	436.1	426.7	417.3	408.7	400.1	390.6	382.1	377.8	373.5	369.2
10°	386.3	377.8	370.0	361.4	355.4	350.3	344.3	338.3	333.1	328.0	322.8
12.5°	357.2	351.1	345.1	339.1	332.3	326.2	319.4	312.5	306.5	301.3	295.3
15°	339.1	330.5	321.1	312.5	303.1	294.5	285.0	275.6	268.7	262.7	255.8
17.5°	317.7	304.8	292.8	279.9	269.6	259.3	248.1	237.8	230.1	221.5	213.8
20°	293.6	279.0	263.6	249.0	237.0	225.8	213.8	201.8	193.2	183.7	175.1
22.5°	273.0	254.1	234.4	214.6	201.8	188.9	175.1	162.3	154.5	146.0	138.2
25°	250.7	230.1	208.6	187.2	174.3	160.5	147.7	133.9	127.9	122.8	116.8
27.5°	238.7	218.1	196.6	176.0	164.0	151.1	139.1	126.2	121.9	116.8	112.5
30°	214.6	194.9	174.3	153.7	145.1	137.4	128.8	120.2	118.5	117.6	115.9
32.5°	193.2	172.6	152.0	131.4	123.6	115.9	108.2	100.4	99.6	97.9	97.0
35°	182.0	162.3	141.7	121.9	115.0	107.3	100.4	92.7	91.0	88.4	86.7
37.5°	179.4	158.8	137.4	116.8	109.9	103.0	95.3	88.4	86.7	85.0	83.3
40°	172.6	152.8	133.9	114.2	107.3	100.4	92.7	85.9	84.1	82.4	80.7
42.5°	167.4	148.5	128.8	109.0	103.0	97.0	90.1	84.1	82.4	80.7	78.1
45°	163.1	143.4	122.8	103.0	98.7	94.4	89.3	85.0	83.3	80.7	79.0
47.5°	156.3	137.4	117.6	97.9	93.6	90.1	85.9	81.6	79.8	78.1	76.4
50°	151.1	131.4	111.6	91.9	88.4	85.0	81.6	78.1	78.1	79.0	79.0
52.5°	144.2	125.3	106.5	87.6	84.1	80.7	77.3	73.8	74.7	75.6	76.4
55°	138.2	120.2	101.3	82.4	79.0	75.6	71.3	67.8	68.7	69.5	70.4
57.5°	135.6	116.8	97.9	79.0	75.6	71.3	67.8	63.5	63.5	63.5	63.5
60°	133.9	114.2	95.3	75.6	71.3	67.8	63.5	59.2	58.4	58.4	57.5
62.5°	133.1	113.3	94.4	74.7	69.5	65.2	60.1	54.9	54.1	53.2	52.4
65°	129.6	111.6	92.7	73.8	67.8	62.7	56.7	50.7	49.8	49.8	48.9
67.5°	128.8	109.9	91.9	73.0	67.0	60.1	54.1	47.2	46.4	45.5	44.6
70°	121.9	105.6	88.4	71.3	64.4	58.4	51.5	44.6	43.8	42.1	41.2
72.5°	113.3	98.7	83.3	67.8	61.0	54.1	47.2	40.4	39.5	38.6	36.9
75°	100.4	86.7	73.0	59.2	53.2	48.1	42.1	36.1	35.2	34.3	32.6
77.5°	82.4	71.3	61.0	49.8	45.5	41.2	36.9	32.6	31.8	30.9	29.2
80°	58.4	51.5	45.5	38.6	36.1	32.6	30.0	26.6	26.6	25.8	25.8
82.5°	38.6	35.2	31.8	28.3	26.6	24.9	23.2	21.5	21.5	20.6	20.6
85°	27.5	25.8	23.2	21.5	20.6	18.9	18.0	16.3	16.3	16.3	16.3
87.5°	12.9	12.9	12.0	12.0	11.2	11.2	10.3	9.4	9.4	9.4	9.4
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



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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: P676052

CATALOG NUMBER: CCW-SA-1A-840-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2
2.5°	570.1	567.5	564.9	561.5	558.9	555.5	551.2	547.7	543.5	543.5	542.6
5°	460.2	457.6	455.0	451.6	449.0	445.6	443.0	439.6	436.1	436.1	435.3
7.5°	364.9	359.7	354.6	348.6	343.4	340.0	336.5	332.3	328.8	326.2	323.7
10°	317.7	312.5	306.5	301.3	295.3	291.0	286.8	281.6	277.3	273.9	270.4
12.5°	289.3	283.3	277.3	271.3	265.3	259.3	254.1	248.1	242.1	237.8	233.5
15°	249.0	243.0	237.0	230.9	224.9	218.1	211.2	203.5	196.6	193.2	190.6
17.5°	205.2	199.2	192.3	186.3	179.4	174.3	169.1	164.0	158.8	155.4	152.8
20°	165.7	158.8	152.0	145.1	138.2	134.8	131.4	127.9	124.5	121.9	120.2
22.5°	129.6	125.3	121.9	117.6	113.3	110.8	109.0	106.5	103.9	103.9	103.9
25°	110.8	108.2	106.5	103.9	101.3	100.4	99.6	97.9	97.0	96.2	96.2
27.5°	107.3	104.7	102.2	99.6	97.0	96.2	95.3	93.6	92.7	92.7	92.7
30°	114.2	113.3	112.5	111.6	110.8	109.0	106.5	104.7	102.2	100.4	98.7
32.5°	95.3	94.4	94.4	93.6	92.7	94.4	95.3	97.0	97.9	98.7	99.6
35°	84.1	82.4	80.7	79.0	77.3	76.4	75.6	74.7	73.8	73.8	73.0
37.5°	81.6	79.8	78.1	76.4	74.7	73.8	73.0	72.1	71.3	71.3	70.4
40°	79.0	77.3	76.4	74.7	73.0	72.1	71.3	69.5	68.7	67.8	67.8
42.5°	76.4	75.6	73.8	73.0	71.3	70.4	69.5	67.8	67.0	66.1	65.2
45°	76.4	74.7	73.0	71.3	69.5	68.7	67.0	66.1	64.4	64.4	63.5
47.5°	74.7	73.0	71.3	69.5	67.8	67.0	65.2	64.4	62.7	61.8	61.0
50°	79.0	76.4	73.0	70.4	67.0	66.1	64.4	63.5	61.8	61.0	60.1
52.5°	77.3	74.7	71.3	68.7	65.2	63.5	62.7	61.0	59.2	58.4	57.5
55°	71.3	68.7	67.0	64.4	61.8	60.1	58.4	56.7	54.9	54.1	54.1
57.5°	63.5	62.7	61.8	61.0	60.1	58.4	56.7	54.1	52.4	51.5	50.7
60°	56.7	57.5	58.4	59.2	60.1	57.5	54.9	52.4	49.8	48.9	48.1
62.5°	51.5	53.2	54.9	55.8	57.5	54.9	52.4	49.8	47.2	46.4	45.5
65°	48.1	48.9	48.9	49.8	49.8	48.1	47.2	45.5	43.8	42.9	42.9
67.5°	43.8	43.8	43.8	42.9	42.9	42.1	42.1	41.2	40.4	39.5	39.5
70°	39.5	39.5	39.5	38.6	38.6	37.8	37.8	36.9	36.1	36.1	35.2
72.5°	36.1	36.1	35.2	35.2	34.3	34.3	34.3	33.5	33.5	32.6	32.6
75°	31.8	31.8	30.9	30.9	30.0	30.0	30.0	29.2	29.2	29.2	28.3
77.5°	28.3	28.3	27.5	27.5	26.6	26.6	26.6	25.8	25.8	24.9	24.9
80°	24.9	24.9	24.0	24.0	23.2	23.2	22.3	22.3	21.5	21.5	20.6
82.5°	19.7	19.7	19.7	19.7	19.7	18.9	18.9	18.0	17.2	17.2	16.3
85°	16.3	16.3	16.3	15.5	15.5	15.5	14.6	14.6	13.7	12.9	12.9
87.5°	9.4	9.4	9.4	8.6	8.6	8.6	8.6	8.6	8.6	8.6	7.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P676052

CATALOG NUMBER: CCW-SA-1A-840-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: P676052

CATALOG NUMBER: CCW-SA-1A-840-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2
2.5°	542.6	541.7	538.3	534.9	538.3	541.7	541.7	541.7	540.9	540.9	540.9
5°	435.3	434.4	432.7	431.0	431.0	430.1	431.8	433.6	435.3	437.0	438.7
7.5°	320.2	317.7	315.1	312.5	314.2	315.1	317.7	319.4	322.0	323.7	328.0
10°	267.0	263.6	261.0	258.4	256.7	255.0	253.3	252.4	250.7	249.0	250.7
12.5°	228.4	224.1	219.8	214.6	213.8	212.9	211.2	209.5	207.8	206.1	205.2
15°	187.2	183.7	182.0	179.4	176.0	172.6	170.8	170.0	168.3	166.6	165.7
17.5°	149.4	146.0	143.4	140.8	139.9	138.2	138.2	138.2	138.2	138.2	138.2
20°	117.6	115.0	115.0	114.2	114.2	113.3	114.2	115.0	115.0	115.9	116.8
22.5°	103.0	103.0	102.2	101.3	102.2	102.2	103.0	103.9	104.7	105.6	106.5
25°	95.3	94.4	95.3	96.2	96.2	96.2	97.0	97.0	97.9	97.9	97.9
27.5°	91.9	91.9	92.7	92.7	93.6	93.6	93.6	92.7	92.7	91.9	91.9
30°	97.0	95.3	95.3	95.3	94.4	93.6	92.7	92.7	91.9	91.0	90.1
32.5°	100.4	101.3	100.4	98.7	97.9	96.2	95.3	93.6	92.7	91.0	89.3
35°	73.0	72.1	73.8	74.7	75.6	76.4	77.3	78.1	78.1	79.0	79.0
37.5°	70.4	69.5	69.5	68.7	68.7	68.7	68.7	68.7	67.8	67.8	68.7
40°	67.0	66.1	66.1	65.2	65.2	64.4	64.4	64.4	64.4	64.4	64.4
42.5°	64.4	63.5	63.5	63.5	63.5	62.7	62.7	61.8	61.8	61.0	61.0
45°	63.5	62.7	61.8	61.0	61.0	60.1	60.1	60.1	59.2	59.2	59.2
47.5°	60.1	59.2	59.2	58.4	58.4	57.5	57.5	57.5	56.7	56.7	56.7
50°	58.4	57.5	57.5	56.7	56.7	55.8	55.8	55.8	54.9	54.9	54.9
52.5°	55.8	54.9	54.9	54.9	54.1	53.2	53.2	53.2	52.4	52.4	52.4
55°	53.2	52.4	52.4	52.4	51.5	50.7	50.7	50.7	49.8	49.8	49.8
57.5°	49.8	48.9	48.9	48.1	48.1	48.1	48.1	48.1	47.2	47.2	47.2
60°	47.2	46.4	46.4	45.5	45.5	44.6	44.6	44.6	44.6	44.6	44.6
62.5°	44.6	43.8	42.9	42.1	42.9	42.9	42.9	42.9	42.1	42.1	42.1
65°	42.1	41.2	40.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
67.5°	38.6	37.8	36.9	36.1	36.9	36.9	36.9	36.9	36.9	36.9	36.9
70°	35.2	34.3	34.3	33.5	33.5	32.6	32.6	33.5	33.5	33.5	33.5
72.5°	31.8	30.9	30.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
75°	28.3	27.5	27.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
77.5°	24.0	23.2	23.2	23.2	23.2	23.2	23.2	24.0	24.0	24.0	24.0
80°	20.6	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
82.5°	16.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
85°	12.0	11.2	11.2	11.2	12.0	12.0	12.0	12.0	12.0	12.0	12.0
87.5°	7.7	6.9	6.9	6.9	7.7	7.7	7.7	7.7	6.9	6.9	6.9
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: P676052

CATALOG NUMBER: CCW-SA-1A-840-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: P676052

CATALOG NUMBER: CCW-SA-1A-840-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2
2.5°	540.9	540.9	540.9	540.0	539.2	538.3	537.4	540.0	541.7	544.3	546.0
5°	439.6	441.3	442.1	444.7	447.3	449.9	452.5	454.2	455.9	456.7	458.5
7.5°	331.4	335.7	339.1	342.6	346.0	348.6	352.0	354.6	357.2	359.7	362.3
10°	251.6	253.3	254.1	257.6	260.1	263.6	266.1	268.7	271.3	273.0	275.6
12.5°	204.3	202.6	201.8	201.8	201.8	201.8	201.8	203.5	205.2	206.9	208.6
15°	164.8	164.0	163.1	162.3	161.4	159.7	158.8	160.5	162.3	164.0	165.7
17.5°	138.2	138.2	138.2	137.4	136.5	135.6	134.8	135.6	136.5	136.5	137.4
20°	118.5	119.3	120.2	121.1	121.1	121.9	121.9	122.8	123.6	123.6	124.5
22.5°	106.5	107.3	107.3	107.3	108.2	108.2	108.2	109.0	109.9	110.8	111.6
25°	97.0	97.0	96.2	96.2	97.0	97.0	97.0	97.0	97.9	97.9	97.9
27.5°	91.9	91.0	91.0	91.0	91.0	90.1	90.1	90.1	90.1	90.1	90.1
30°	89.3	88.4	87.6	86.7	86.7	85.9	85.0	85.0	85.0	85.0	85.0
32.5°	88.4	86.7	85.0	84.1	84.1	83.3	82.4	81.6	81.6	80.7	79.8
35°	79.0	78.1	78.1	77.3	76.4	75.6	74.7	74.7	74.7	73.8	73.8
37.5°	68.7	69.5	69.5	69.5	70.4	70.4	70.4	70.4	71.3	71.3	71.3
40°	64.4	64.4	64.4	65.2	66.1	66.1	67.0	67.0	67.8	67.8	67.8
42.5°	61.0	60.1	60.1	61.0	61.0	61.8	61.8	62.7	63.5	63.5	64.4
45°	59.2	58.4	58.4	58.4	58.4	57.5	57.5	58.4	59.2	60.1	61.0
47.5°	55.8	55.8	54.9	54.9	54.9	54.9	54.9	54.9	55.8	55.8	55.8
50°	54.1	54.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
52.5°	52.4	51.5	51.5	51.5	51.5	50.7	50.7	50.7	50.7	50.7	50.7
55°	49.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.8	49.8	49.8
57.5°	47.2	46.4	46.4	46.4	47.2	47.2	47.2	47.2	48.1	48.1	48.1
60°	44.6	44.6	44.6	44.6	44.6	44.6	44.6	45.5	45.5	46.4	46.4
62.5°	42.1	42.1	42.1	42.1	42.9	42.9	42.9	42.9	43.8	43.8	43.8
65°	39.5	39.5	39.5	39.5	40.4	40.4	40.4	40.4	40.4	40.4	40.4
67.5°	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.8	37.8	38.6	38.6
70°	33.5	32.6	32.6	33.5	33.5	34.3	34.3	35.2	35.2	36.1	36.1
72.5°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.9	31.8	31.8	32.6
75°	26.6	26.6	26.6	26.6	27.5	27.5	27.5	28.3	28.3	29.2	29.2
77.5°	24.0	23.2	23.2	23.2	24.0	24.0	24.0	24.9	24.9	25.8	25.8
80°	19.7	19.7	19.7	19.7	20.6	20.6	20.6	20.6	21.5	21.5	21.5
82.5°	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	17.2	17.2	17.2
85°	12.0	12.0	12.0	12.0	12.9	12.9	12.9	12.9	12.9	12.9	12.9
87.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	8.6	8.6	8.6
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: P676052
 CATALOG NUMBER: CCW-SA-1A-840-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: P676052

CATALOG NUMBER: CCW-SA-1A-840-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2
2.5°	546.0	546.0	546.0	546.0	547.7	548.6	550.3	551.2	550.3	549.5	547.7
5°	459.3	460.2	460.2	461.0	461.0	461.0	461.0	461.0	462.8	464.5	466.2
7.5°	363.2	364.0	364.9	365.7	365.7	365.7	364.9	364.9	365.7	365.7	366.6
10°	278.2	281.6	284.2	286.8	285.0	282.5	280.7	278.2	278.2	278.2	277.3
12.5°	210.3	211.2	212.9	213.8	212.9	212.9	212.1	211.2	212.1	213.8	214.6
15°	166.6	166.6	167.4	167.4	168.3	169.1	169.1	170.0	171.7	172.6	174.3
17.5°	138.2	139.1	139.1	139.9	139.9	140.8	140.8	140.8	142.5	144.2	146.8
20°	124.5	124.5	124.5	124.5	124.5	123.6	123.6	122.8	123.6	125.3	126.2
22.5°	111.6	112.5	112.5	112.5	111.6	110.8	109.0	108.2	108.2	109.0	109.0
25°	97.9	97.0	97.0	96.2	96.2	97.0	97.0	97.0	97.9	97.9	98.7
27.5°	90.1	89.3	89.3	88.4	88.4	89.3	89.3	89.3	89.3	89.3	89.3
30°	84.1	84.1	83.3	82.4	83.3	83.3	84.1	84.1	85.0	85.0	85.9
32.5°	79.8	79.0	79.0	78.1	79.0	79.0	79.8	79.8	80.7	81.6	81.6
35°	73.8	73.8	73.8	73.8	73.8	73.8	73.0	73.0	73.0	73.0	73.0
37.5°	70.4	70.4	69.5	68.7	68.7	68.7	68.7	68.7	67.8	67.0	66.1
40°	67.8	67.0	67.0	66.1	65.2	65.2	64.4	63.5	63.5	62.7	62.7
42.5°	64.4	63.5	63.5	62.7	61.8	61.8	61.0	60.1	60.1	60.1	59.2
45°	60.1	60.1	59.2	58.4	58.4	58.4	57.5	57.5	57.5	57.5	56.7
47.5°	55.8	55.8	54.9	54.9	54.9	54.9	54.1	54.1	54.1	54.1	54.1
50°	53.2	53.2	53.2	53.2	53.2	53.2	52.4	52.4	52.4	52.4	52.4
52.5°	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
55°	49.8	49.8	49.8	49.8	49.8	49.8	48.9	48.9	48.9	49.8	49.8
57.5°	48.1	48.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
60°	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
62.5°	43.8	43.8	43.8	43.8	43.8	44.6	44.6	44.6	44.6	44.6	43.8
65°	40.4	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
67.5°	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
70°	36.1	36.1	35.2	35.2	35.2	36.1	36.1	36.1	36.1	36.1	36.1
72.5°	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	33.5	33.5
75°	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
77.5°	25.8	25.8	24.9	24.9	24.9	25.8	25.8	25.8	25.8	26.6	26.6
80°	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	22.3	22.3
82.5°	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	18.0	18.0
85°	12.9	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	14.6	14.6
87.5°	8.6	8.6	8.6	8.6	8.6	8.6	7.7	7.7	7.7	7.7	6.9
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: P676052
 CATALOG NUMBER: CCW-SA-1A-840-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: P676052

CATALOG NUMBER: CCW-SA-1A-840-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2
2.5°	546.9	547.7	548.6	548.6	549.5	550.3	550.3	553.8	557.2	558.9	560.6
5°	467.9	467.0	467.0	466.2	465.3	467.9	470.5	475.6	480.8	481.6	483.4
7.5°	366.6	367.5	368.3	368.3	369.2	366.6	363.2	364.0	364.9	369.2	372.6
10°	277.3	278.2	279.0	279.0	279.9	279.0	277.3	279.9	282.5	285.9	290.2
12.5°	215.5	218.1	220.6	222.4	224.9	226.7	227.5	230.9	233.5	237.8	242.1
15°	176.0	177.7	179.4	181.2	182.9	184.6	186.3	189.7	193.2	198.3	203.5
17.5°	148.5	148.5	149.4	149.4	149.4	151.1	152.8	154.5	155.4	160.5	165.7
20°	127.1	126.2	125.3	124.5	123.6	125.3	126.2	127.1	127.9	131.4	133.9
22.5°	109.0	109.0	109.9	109.9	109.9	109.0	107.3	108.2	108.2	109.9	112.5
25°	98.7	98.7	98.7	97.9	97.9	98.7	99.6	99.6	98.7	99.6	100.4
27.5°	89.3	90.1	90.1	91.0	91.0	91.9	91.9	91.9	91.9	92.7	93.6
30°	85.9	85.9	86.7	86.7	86.7	87.6	88.4	88.4	88.4	89.3	91.0
32.5°	82.4	83.3	84.1	85.0	85.9	86.7	86.7	87.6	87.6	88.4	89.3
35°	73.0	72.1	72.1	71.3	70.4	70.4	70.4	70.4	69.5	70.4	70.4
37.5°	65.2	65.2	65.2	64.4	64.4	65.2	65.2	65.2	65.2	66.1	66.1
40°	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.7	62.7	63.5	64.4
42.5°	59.2	59.2	59.2	59.2	59.2	60.1	60.1	60.1	60.1	61.0	61.0
45°	56.7	56.7	56.7	56.7	56.7	56.7	56.7	57.5	57.5	58.4	59.2
47.5°	54.1	54.1	54.1	54.1	54.1	54.9	55.8	55.8	55.8	56.7	56.7
50°	52.4	52.4	52.4	52.4	52.4	53.2	53.2	54.1	54.1	54.9	55.8
52.5°	50.7	50.7	50.7	50.7	50.7	51.5	51.5	52.4	52.4	53.2	54.1
55°	49.8	49.8	49.8	48.9	48.9	49.8	49.8	50.7	50.7	51.5	51.5
57.5°	47.2	47.2	47.2	47.2	47.2	47.2	47.2	48.1	48.1	48.9	49.8
60°	46.4	46.4	45.5	45.5	44.6	45.5	45.5	46.4	46.4	47.2	47.2
62.5°	43.8	43.8	43.8	42.9	42.9	43.8	43.8	43.8	43.8	44.6	45.5
65°	41.2	41.2	41.2	40.4	40.4	41.2	41.2	41.2	41.2	42.1	42.9
67.5°	38.6	38.6	38.6	37.8	37.8	37.8	37.8	38.6	38.6	39.5	40.4
70°	36.1	36.1	36.1	35.2	35.2	35.2	34.3	35.2	36.1	36.9	36.9
72.5°	33.5	33.5	33.5	32.6	32.6	32.6	31.8	32.6	32.6	33.5	33.5
75°	29.2	29.2	29.2	29.2	29.2	29.2	28.3	28.3	28.3	29.2	29.2
77.5°	26.6	26.6	26.6	25.8	25.8	25.8	24.9	24.9	24.9	25.8	25.8
80°	22.3	22.3	22.3	21.5	21.5	21.5	20.6	20.6	20.6	21.5	21.5
82.5°	18.0	18.0	18.0	17.2	17.2	17.2	16.3	16.3	16.3	17.2	17.2
85°	14.6	14.6	14.6	14.6	14.6	14.6	13.7	13.7	13.7	14.6	15.5
87.5°	6.9	6.9	7.7	7.7	7.7	7.7	6.9	6.9	6.0	6.0	6.9
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: P676052

CATALOG NUMBER: CCW-SA-1A-840-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: P676052

CATALOG NUMBER: CCW-SA-1A-840-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2
2.5°	562.3	564.1	568.4	571.8	576.1	579.5	582.1	585.5	588.1	590.7	592.4
5°	484.2	485.1	489.4	493.7	497.1	501.4	507.4	513.4	519.4	525.4	529.7
7.5°	376.9	380.3	385.5	391.5	396.6	401.8	407.8	414.7	420.7	426.7	432.7
10°	293.6	297.1	302.2	307.4	311.7	316.8	323.7	330.5	337.4	344.3	351.1
12.5°	246.4	250.7	256.7	262.7	267.9	273.9	282.5	290.2	298.8	306.5	315.1
15°	207.8	212.9	220.6	229.2	237.0	244.7	253.3	261.9	269.6	278.2	286.8
17.5°	170.8	176.0	182.9	190.6	197.5	204.3	214.6	224.1	234.4	243.8	253.3
20°	137.4	139.9	146.8	153.7	160.5	167.4	175.1	182.9	190.6	198.3	210.3
22.5°	114.2	115.9	119.3	121.9	125.3	127.9	135.6	143.4	150.2	158.0	169.1
25°	100.4	101.3	103.9	105.6	108.2	109.9	115.0	119.3	124.5	128.8	139.1
27.5°	93.6	94.4	95.3	96.2	97.0	97.9	101.3	104.7	107.3	110.8	120.2
30°	91.9	92.7	95.3	97.0	99.6	101.3	103.0	104.7	106.5	108.2	114.2
32.5°	90.1	91.0	91.0	90.1	90.1	89.3	91.0	91.9	93.6	94.4	99.6
35°	71.3	71.3	72.1	73.0	73.8	74.7	77.3	79.0	81.6	83.3	87.6
37.5°	67.0	67.0	67.8	69.5	70.4	71.3	73.0	74.7	76.4	78.1	82.4
40°	64.4	65.2	66.1	67.0	67.8	68.7	70.4	71.3	73.0	73.8	77.3
42.5°	61.8	61.8	62.7	64.4	65.2	66.1	67.8	68.7	70.4	71.3	74.7
45°	60.1	61.0	61.8	62.7	62.7	63.5	65.2	67.0	67.8	69.5	73.0
47.5°	57.5	57.5	59.2	60.1	61.8	62.7	64.4	65.2	67.0	67.8	71.3
50°	55.8	56.7	58.4	59.2	61.0	61.8	64.4	66.1	68.7	70.4	72.1
52.5°	54.1	54.9	56.7	57.5	59.2	60.1	63.5	67.0	69.5	73.0	73.0
55°	52.4	52.4	54.1	56.7	58.4	60.1	61.8	64.4	66.1	67.8	67.8
57.5°	49.8	50.7	52.4	54.9	56.7	58.4	60.1	61.8	62.7	64.4	63.5
60°	48.1	48.1	50.7	53.2	55.8	58.4	58.4	58.4	57.5	57.5	57.5
62.5°	45.5	46.4	49.8	54.1	57.5	61.0	58.4	55.8	53.2	50.7	51.5
65°	43.8	44.6	46.4	48.9	50.7	52.4	50.7	49.8	48.1	46.4	47.2
67.5°	40.4	41.2	42.1	42.1	42.9	42.9	42.9	42.9	42.9	42.9	43.8
70°	37.8	37.8	37.8	38.6	38.6	38.6	38.6	38.6	38.6	38.6	39.5
72.5°	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	35.2
75°	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.9
77.5°	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	25.8	25.8	26.6
80°	22.3	22.3	22.3	22.3	21.5	21.5	21.5	21.5	21.5	21.5	22.3
82.5°	18.0	18.0	18.0	18.0	17.2	17.2	17.2	17.2	16.3	16.3	17.2
85°	16.3	17.2	17.2	18.0	18.0	18.0	17.2	16.3	15.5	14.6	14.6
87.5°	6.9	6.9	6.9	6.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0
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: P676052
 CATALOG NUMBER: CCW-SA-1A-840-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: P676052

CATALOG NUMBER: CCW-SA-1A-840-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2
2.5°	595.0	596.7	598.4	601.0	604.4	607.0	609.6	614.7	620.7	625.9	631.0
5°	534.0	538.3	542.6	547.7	552.9	557.2	562.3	572.6	583.0	592.4	602.7
7.5°	437.9	443.9	449.0	457.6	465.3	473.9	481.6	494.5	506.5	519.4	531.4
10°	358.0	364.9	371.7	382.9	394.9	406.1	417.3	427.6	438.7	449.0	459.3
12.5°	323.7	331.4	340.0	346.9	354.6	361.4	368.3	380.3	392.4	404.4	416.4
15°	295.3	303.9	312.5	321.1	328.8	337.4	345.1	355.4	366.6	376.9	387.2
17.5°	262.7	271.3	280.7	290.2	299.6	309.1	318.5	333.1	347.7	361.4	376.0
20°	221.5	233.5	244.7	257.6	270.4	283.3	296.2	311.7	327.1	341.7	357.2
22.5°	180.3	191.5	202.6	218.1	233.5	248.1	263.6	284.2	303.9	324.5	344.3
25°	150.2	160.5	170.8	188.0	204.3	221.5	237.8	262.7	286.8	311.7	335.7
27.5°	129.6	139.1	148.5	166.6	184.6	201.8	219.8	247.3	273.9	301.3	328.0
30°	120.2	126.2	132.2	149.4	166.6	182.9	200.0	226.7	253.3	279.9	306.5
32.5°	104.7	109.9	115.0	130.5	146.0	160.5	176.0	203.5	230.1	257.6	284.2
35°	92.7	97.0	101.3	115.9	129.6	144.2	158.0	185.4	212.9	240.4	267.9
37.5°	85.9	90.1	93.6	106.5	120.2	133.1	146.0	173.4	200.0	227.5	254.1
40°	80.7	83.3	86.7	99.6	111.6	124.5	136.5	161.4	187.2	212.1	237.0
42.5°	77.3	80.7	83.3	94.4	106.5	117.6	128.8	152.8	176.9	200.0	224.1
45°	76.4	79.8	83.3	92.7	102.2	110.8	120.2	143.4	166.6	189.7	212.9
47.5°	74.7	77.3	80.7	88.4	95.3	103.0	109.9	133.1	156.3	178.6	201.8
50°	73.8	74.7	76.4	83.3	90.1	97.0	103.9	127.1	150.2	173.4	196.6
52.5°	73.0	73.0	73.0	79.0	85.0	90.1	96.2	119.3	143.4	166.6	189.7
55°	67.8	67.0	67.0	73.0	78.1	84.1	89.3	112.5	135.6	158.0	181.2
57.5°	62.7	61.8	61.0	66.1	71.3	76.4	81.6	104.7	128.8	152.0	175.1
60°	57.5	56.7	56.7	61.8	66.1	71.3	75.6	99.6	122.8	146.8	170.0
62.5°	51.5	52.4	52.4	56.7	61.8	66.1	70.4	94.4	119.3	143.4	167.4
65°	47.2	48.1	48.1	53.2	58.4	63.5	68.7	91.9	115.9	139.1	162.3
67.5°	43.8	44.6	44.6	50.7	55.8	61.8	67.0	87.6	109.0	129.6	150.2
70°	40.4	40.4	41.2	47.2	53.2	59.2	65.2	83.3	101.3	118.5	136.5
72.5°	36.1	36.9	37.8	43.8	48.9	54.9	60.1	76.4	92.7	109.0	125.3
75°	31.8	32.6	33.5	38.6	43.8	48.9	54.1	69.5	84.1	99.6	114.2
77.5°	28.3	29.2	30.0	34.3	38.6	42.9	47.2	58.4	70.4	81.6	92.7
80°	23.2	23.2	24.0	27.5	30.9	33.5	36.9	44.6	52.4	59.2	67.0
82.5°	17.2	18.0	18.0	20.6	22.3	24.9	26.6	30.9	34.3	38.6	42.1
85°	14.6	13.7	13.7	15.5	16.3	18.0	18.9	21.5	23.2	25.8	27.5
87.5°	6.0	5.2	5.2	6.0	7.7	8.6	9.4	9.4	10.3	10.3	10.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P676052

CATALOG NUMBER: CCW-SA-1A-840-U-SLR

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: P676052

CATALOG NUMBER: CCW-SA-1A-840-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2
2.5°	633.6	635.3	637.9	639.6	643.9	647.3	651.6	655.1	657.6	661.9	660.2
5°	610.4	618.2	625.9	633.6	639.6	645.6	650.8	656.8	663.7	676.5	680.0
7.5°	541.7	552.0	561.5	571.8	583.8	595.8	607.8	619.9	631.0	647.3	657.6
10°	473.9	488.5	502.2	516.8	528.0	539.2	549.5	560.6	576.1	592.4	611.3
12.5°	431.0	445.6	460.2	474.8	491.1	506.5	522.9	538.3	552.9	565.8	587.2
15°	402.7	419.0	434.4	449.9	469.6	488.5	508.3	527.1	548.6	565.8	580.4
17.5°	395.8	415.5	434.4	454.2	474.8	495.4	516.0	536.6	558.1	583.8	602.7
20°	383.8	410.4	437.0	463.6	490.2	516.0	542.6	568.4	596.7	627.6	636.2
22.5°	376.9	408.7	441.3	473.1	509.1	546.0	582.1	618.2	648.2	671.4	697.1
25°	376.0	415.5	455.9	495.4	540.9	585.5	631.0	675.7	714.3	737.5	758.1
27.5°	375.2	423.3	470.5	517.7	573.5	628.5	684.3	739.2	775.3	808.7	825.9
30°	364.9	422.4	480.8	538.3	601.0	663.7	726.3	789.0	825.9	849.1	857.7
32.5°	352.0	419.8	487.7	555.5	626.7	698.0	768.4	839.7	868.8	888.6	881.7
35°	341.7	416.4	490.2	564.1	639.6	716.0	791.6	867.1	909.2	936.7	925.5
37.5°	332.3	410.4	488.5	566.6	655.1	743.5	831.9	920.4	960.7	989.9	977.0
40°	321.1	404.4	488.5	571.8	673.1	773.5	874.9	975.3	1027.7	1052.6	1032.8
42.5°	311.7	398.4	485.9	572.6	680.8	789.0	897.2	1005.4	1063.7	1098.9	1074.0
45°	299.6	386.3	472.2	558.9	678.2	797.6	916.1	1035.4	1103.2	1130.7	1096.4
47.5°	286.8	372.6	457.6	542.6	669.7	796.7	923.8	1050.9	1113.5	1146.2	1114.4
50°	282.5	368.3	453.3	539.2	676.5	814.8	952.1	1089.5	1135.0	1161.6	1119.5
52.5°	281.6	372.6	464.5	555.5	693.7	831.1	969.3	1106.7	1143.6	1171.9	1134.1
55°	279.0	377.8	475.6	573.5	717.7	862.8	1007.1	1151.3	1188.2	1208.8	1180.5
57.5°	281.6	388.1	493.7	600.1	748.6	897.2	1045.7	1194.2	1238.9	1253.5	1247.5
60°	283.3	396.6	509.1	622.4	767.5	912.6	1057.7	1202.8	1249.2	1285.2	1292.1
62.5°	279.0	390.6	501.4	613.0	744.4	875.7	1007.1	1138.4	1214.8	1268.1	1299.0
65°	266.1	369.2	473.1	576.1	697.1	819.0	940.1	1061.2	1141.9	1220.8	1245.7
67.5°	237.8	325.4	413.0	500.5	606.1	711.7	816.5	922.1	1023.4	1099.8	1134.1
70°	206.1	274.7	344.3	413.0	509.1	605.3	701.4	797.6	886.9	971.0	1003.6
72.5°	179.4	232.7	286.8	340.0	408.7	476.5	545.2	613.0	718.6	802.7	834.5
75°	152.8	191.5	229.2	267.9	315.1	362.3	408.7	455.9	530.6	606.1	637.9
77.5°	117.6	143.4	168.3	193.2	225.8	257.6	290.2	322.0	374.3	431.0	447.3
80°	81.6	96.2	109.9	124.5	150.2	176.0	201.8	227.5	261.9	293.6	318.5
82.5°	50.7	60.1	68.7	77.3	97.9	118.5	138.2	158.8	172.6	174.3	199.2
85°	32.6	38.6	43.8	48.9	61.0	73.8	85.9	97.9	87.6	81.6	97.0
87.5°	12.9	16.3	18.9	21.5	20.6	19.7	18.9	18.0	15.5	13.7	17.2
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: P676052
 CATALOG NUMBER: CCW-SA-1A-840-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: P676052

CATALOG NUMBER: CCW-SA-1A-840-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2
2.5°	661.9	664.5	667.1	668.8	671.4	672.2	673.1	673.1	674.0	674.8	676.5
5°	693.7	698.9	704.0	708.3	713.4	717.7	721.2	725.5	728.9	728.9	728.0
7.5°	667.1	680.0	692.8	705.7	718.6	728.0	736.6	746.1	754.7	756.4	758.1
10°	631.9	645.6	658.5	672.2	685.1	699.7	713.4	727.2	741.8	744.4	747.8
12.5°	599.3	615.6	631.9	647.3	663.7	674.0	684.3	693.7	704.0	710.9	717.7
15°	598.4	612.1	625.9	638.8	652.5	658.5	664.5	669.7	675.7	675.7	676.5
17.5°	618.2	626.7	635.3	643.0	651.6	652.5	654.2	655.1	655.9	653.4	650.8
20°	656.8	660.2	663.7	667.1	670.5	664.5	659.4	653.4	647.3	640.5	634.5
22.5°	713.4	705.7	698.0	690.3	682.5	672.2	661.1	650.8	639.6	631.0	622.4
25°	766.7	757.2	747.8	738.3	728.9	706.6	684.3	661.1	638.8	629.3	619.9
27.5°	837.9	823.3	808.7	794.2	779.6	749.5	719.5	689.4	659.4	643.0	627.6
30°	855.1	838.8	822.5	805.3	789.0	759.8	731.5	702.3	673.1	654.2	636.2
32.5°	880.0	861.1	842.2	823.3	804.5	776.1	747.8	718.6	690.3	673.1	655.1
35°	921.2	899.8	878.3	856.0	834.5	805.3	777.0	747.8	718.6	698.9	680.0
37.5°	956.4	931.5	906.6	881.7	856.8	831.1	804.5	778.7	752.1	732.3	713.4
40°	995.9	968.4	941.0	914.3	886.9	862.8	838.8	813.9	789.9	774.4	759.0
42.5°	1030.3	996.8	964.1	931.5	898.0	881.7	866.3	850.0	833.6	825.9	817.3
45°	1054.3	1023.4	991.6	960.7	929.8	917.8	905.8	893.7	881.7	889.4	897.2
47.5°	1064.6	1039.7	1015.7	991.6	966.7	971.0	975.3	978.7	983.0	993.3	1004.5
50°	1074.0	1060.3	1045.7	1032.0	1017.4	1033.7	1049.1	1065.5	1081.8	1103.2	1124.7
52.5°	1092.9	1085.2	1078.3	1070.6	1062.9	1091.2	1119.5	1147.9	1176.2	1200.2	1224.3
55°	1149.6	1143.6	1137.6	1130.7	1124.7	1165.0	1204.5	1244.9	1285.2	1310.1	1335.0
57.5°	1227.7	1224.3	1220.0	1216.6	1212.3	1251.8	1290.4	1329.0	1368.5	1392.6	1417.5
60°	1287.0	1287.8	1287.8	1288.7	1288.7	1318.7	1348.8	1379.7	1409.7	1430.3	1451.8
62.5°	1318.7	1317.0	1315.3	1313.6	1311.9	1336.8	1361.6	1386.5	1411.4	1426.9	1442.4
65°	1284.4	1293.8	1303.3	1312.7	1322.2	1325.6	1328.2	1331.6	1334.2	1343.6	1353.1
67.5°	1169.3	1188.2	1206.3	1225.1	1243.2	1230.3	1218.3	1205.4	1192.5	1195.1	1196.8
70°	1041.4	1062.9	1085.2	1106.7	1128.1	1098.1	1068.0	1037.1	1007.1	996.8	986.5
72.5°	878.3	897.2	916.9	935.8	954.7	917.8	881.7	844.8	807.9	789.9	771.8
75°	671.4	693.7	716.9	739.2	761.5	720.3	678.2	637.0	595.0	583.0	571.8
77.5°	489.4	516.0	542.6	569.2	595.8	558.9	522.0	484.2	447.3	440.4	433.6
80°	356.3	376.9	396.6	417.3	437.0	415.5	394.1	372.6	351.1	350.3	349.4
82.5°	240.4	258.4	275.6	293.6	310.8	302.2	294.5	285.9	277.3	285.9	295.3
85°	123.6	148.5	174.3	199.2	224.1	221.5	219.8	217.2	214.6	225.8	236.1
87.5°	24.9	46.4	67.8	88.4	109.9	104.7	99.6	93.6	88.4	91.9	94.4
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: P676052

CATALOG NUMBER: CCW-SA-1A-840-U-SLR

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: P676052

CATALOG NUMBER: CCW-SA-1A-840-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2
2.5°	677.4	678.2	678.2	678.2	678.2	678.2	676.5	675.7	674.0	672.2	669.7
5°	728.0	727.2	723.8	720.3	716.0	712.6	710.0	706.6	704.0	700.6	695.4
7.5°	759.8	761.5	755.5	750.4	744.4	738.3	732.3	726.3	720.3	714.3	702.3
10°	750.4	752.9	749.5	746.1	741.8	738.3	731.5	723.8	716.9	709.2	694.6
12.5°	723.8	730.6	728.9	727.2	725.5	723.8	719.5	714.3	710.0	704.9	688.6
15°	676.5	676.5	677.4	678.2	678.2	679.1	680.0	680.8	681.7	682.5	673.1
17.5°	648.2	645.6	645.6	645.6	645.6	645.6	649.1	653.4	656.8	660.2	657.6
20°	627.6	621.6	620.7	620.7	619.9	619.0	625.0	631.9	637.9	643.9	647.3
22.5°	613.9	605.3	604.4	603.6	602.7	601.8	609.6	617.3	625.0	632.7	644.8
25°	610.4	601.0	601.8	602.7	602.7	603.6	609.6	615.6	621.6	627.6	648.2
27.5°	611.3	595.8	596.7	597.5	597.5	598.4	607.8	616.4	625.9	634.5	660.2
30°	617.3	599.3	597.5	595.8	594.1	592.4	605.3	618.2	631.0	643.9	663.7
32.5°	637.9	620.7	616.4	612.1	607.8	603.6	619.0	633.6	649.1	663.7	680.0
35°	660.2	641.3	639.6	637.9	635.3	633.6	647.3	661.9	675.7	689.4	704.0
37.5°	693.7	674.8	673.1	670.5	668.8	666.2	681.7	696.3	711.7	726.3	739.2
40°	743.5	728.0	727.2	727.2	726.3	725.5	737.5	750.4	762.4	774.4	783.0
42.5°	809.6	801.9	804.5	807.9	810.5	813.0	822.5	832.8	842.2	851.7	849.1
45°	904.9	912.6	913.5	914.3	915.2	916.1	918.6	922.1	924.6	927.2	916.9
47.5°	1014.8	1025.1	1030.3	1035.4	1039.7	1044.8	1041.4	1037.1	1033.7	1029.4	1003.6
50°	1145.3	1166.8	1165.9	1165.0	1163.3	1162.5	1155.6	1148.7	1141.0	1134.1	1096.4
52.5°	1248.3	1272.4	1276.7	1280.9	1285.2	1289.5	1276.7	1263.8	1250.0	1237.2	1189.9
55°	1359.1	1384.0	1384.8	1385.7	1385.7	1386.5	1368.5	1350.5	1331.6	1313.6	1264.6
57.5°	1441.5	1465.5	1463.0	1461.2	1458.7	1456.1	1434.6	1413.2	1391.7	1370.2	1321.3
60°	1472.4	1493.0	1487.9	1482.7	1476.7	1471.5	1455.2	1438.9	1421.7	1405.4	1358.2
62.5°	1457.8	1473.3	1465.5	1458.7	1450.9	1443.2	1422.6	1401.1	1380.5	1359.1	1324.7
65°	1361.6	1371.1	1360.8	1351.3	1341.9	1331.6	1314.4	1297.3	1279.2	1262.1	1238.9
67.5°	1199.4	1201.1	1200.2	1199.4	1198.5	1197.7	1172.8	1147.9	1122.1	1097.2	1095.5
70°	977.0	966.7	968.4	971.0	972.7	974.4	955.6	937.5	918.6	899.8	908.3
72.5°	753.8	735.8	740.1	745.2	749.5	753.8	738.3	723.8	708.3	692.8	704.9
75°	559.8	548.6	552.9	558.1	562.3	566.6	560.6	554.6	547.7	541.7	552.9
77.5°	426.7	419.8	420.7	420.7	421.5	421.5	422.4	424.1	425.0	425.8	437.9
80°	347.7	346.9	346.0	345.1	343.4	342.6	351.1	359.7	368.3	376.9	382.9
82.5°	303.9	312.5	307.4	303.1	297.9	292.8	300.5	308.2	315.9	323.7	321.1
85°	247.3	257.6	248.1	238.7	228.4	218.9	225.8	231.8	238.7	244.7	241.3
87.5°	97.9	100.4	85.0	70.4	54.9	39.5	62.7	85.0	108.2	130.5	133.9
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: P676052

CATALOG NUMBER: CCW-SA-1A-840-U-SLR

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: P676052

CATALOG NUMBER: CCW-SA-1A-840-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2	618.2
2.5°	667.1	663.7	661.1	660.2	658.5	657.6	655.9	654.2	651.6	649.9	647.3
5°	689.4	684.3	678.2	669.7	661.9	653.4	644.8	637.0	629.3	620.7	613.0
7.5°	690.3	678.2	666.2	655.1	643.0	631.9	619.9	609.6	598.4	587.2	576.9
10°	680.8	666.2	651.6	637.0	623.3	608.7	594.1	582.1	569.2	556.3	544.3
12.5°	673.1	656.8	640.5	623.3	607.0	589.8	572.6	560.6	548.6	536.6	524.6
15°	663.7	653.4	643.9	628.5	613.0	597.5	582.1	565.8	550.3	534.0	517.7
17.5°	655.9	653.4	650.8	640.5	630.2	619.0	608.7	592.4	576.1	558.9	542.6
20°	651.6	655.1	658.5	653.4	648.2	642.2	637.0	625.0	613.0	600.1	588.1
22.5°	656.8	669.7	681.7	682.5	684.3	685.1	686.0	674.8	663.7	651.6	640.5
25°	668.8	689.4	710.0	721.2	732.3	744.4	755.5	748.6	741.8	734.9	728.0
27.5°	685.1	710.9	736.6	752.9	768.4	784.7	801.0	800.2	799.3	797.6	796.7
30°	682.5	702.3	722.0	741.8	761.5	781.3	801.0	811.3	820.8	831.1	841.4
32.5°	697.1	713.4	730.6	751.2	771.8	793.3	813.9	835.4	856.0	877.4	898.9
35°	719.5	734.1	749.5	771.8	795.0	817.3	840.5	866.3	892.9	919.5	945.3
37.5°	752.9	765.8	779.6	798.4	818.2	837.1	856.8	894.6	932.4	971.0	1008.8
40°	791.6	800.2	808.7	826.8	844.8	862.8	880.9	928.1	975.3	1022.5	1069.7
42.5°	847.4	844.8	842.2	856.8	872.3	886.9	902.3	945.3	988.2	1031.1	1074.0
45°	906.6	896.3	886.0	892.9	900.6	907.5	915.2	959.0	1002.8	1047.4	1091.2
47.5°	977.9	952.1	926.4	920.4	914.3	907.5	901.5	948.7	995.9	1044.0	1091.2
50°	1058.6	1019.9	982.2	966.7	950.4	935.0	918.6	957.3	996.8	1036.3	1074.9
52.5°	1142.7	1094.6	1047.4	1023.4	999.3	974.4	950.4	983.0	1016.5	1050.0	1082.6
55°	1214.8	1165.9	1116.1	1087.8	1059.4	1031.1	1002.8	1035.4	1068.0	1100.7	1133.3
57.5°	1272.4	1223.4	1174.5	1147.9	1120.4	1093.8	1066.3	1097.2	1129.0	1160.7	1191.7
60°	1311.9	1264.6	1217.4	1191.7	1165.9	1140.1	1114.4	1151.3	1188.2	1226.0	1262.9
62.5°	1291.2	1256.9	1222.6	1211.4	1200.2	1188.2	1177.1	1212.3	1246.6	1281.8	1317.0
65°	1215.7	1192.5	1169.3	1180.5	1192.5	1203.7	1215.7	1238.9	1262.1	1286.1	1309.3
67.5°	1092.9	1091.2	1088.6	1113.5	1138.4	1164.2	1189.1	1204.5	1219.1	1234.6	1250.0
70°	916.9	926.4	935.0	977.9	1020.8	1063.7	1106.7	1112.7	1118.7	1124.7	1130.7
72.5°	717.7	729.8	742.6	799.3	855.1	911.8	968.4	965.0	961.6	957.3	953.8
75°	564.9	576.1	588.1	640.5	692.8	745.2	797.6	783.0	769.3	754.7	740.1
77.5°	450.7	462.8	475.6	524.6	573.5	623.3	672.2	637.0	601.8	566.6	531.4
80°	388.1	394.1	399.2	432.7	465.3	498.8	532.3	496.2	459.3	422.4	386.3
82.5°	318.5	315.1	312.5	332.3	352.0	371.7	391.5	357.2	322.8	287.6	253.3
85°	237.8	234.4	230.9	241.3	251.6	262.7	273.0	233.5	194.0	153.7	114.2
87.5°	138.2	141.7	145.1	156.3	167.4	179.4	190.6	150.2	109.9	68.7	28.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	618.2	618.2
2.5°	642.2	637.9
5°	607.0	601.0
7.5°	568.4	560.6
10°	533.2	522.9
12.5°	510.8	498.0
15°	502.2	486.8
17.5°	528.0	513.4
20°	567.5	547.7
22.5°	615.6	591.5
25°	698.9	669.7
27.5°	766.7	736.6
30°	808.7	776.1
32.5°	855.1	812.2
35°	903.2	862.0
37.5°	961.6	915.2
40°	1021.7	973.6
42.5°	1042.3	1011.4
45°	1062.0	1032.8
47.5°	1066.3	1042.3
50°	1070.6	1067.2
52.5°	1082.6	1081.8
55°	1134.1	1135.0
57.5°	1197.7	1202.8
60°	1256.0	1250.0
62.5°	1286.1	1255.2
65°	1265.5	1222.6
67.5°	1203.7	1157.3
70°	1068.0	1005.4
72.5°	898.9	843.9
75°	692.8	646.5
77.5°	492.8	454.2
80°	346.9	308.2
82.5°	222.4	191.5
85°	100.4	87.6
87.5°	28.3	27.5
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)