

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: P676053

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

Issue Date: 04/25/2023

Test Information

Test Method: LM-79-08
Report Number: P676053
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/25/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCW-SA-1B-840-U-SLR
Description: INVUE CLEAR CURVE Wall Pack MOUNT LIGHT SQUARE LUMINAIRE @450mA w/
SLR distribution lens
Light Source: (16) 4000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2443.6 lumens
Efficiency: N/A
Efficacy: 101.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 24
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

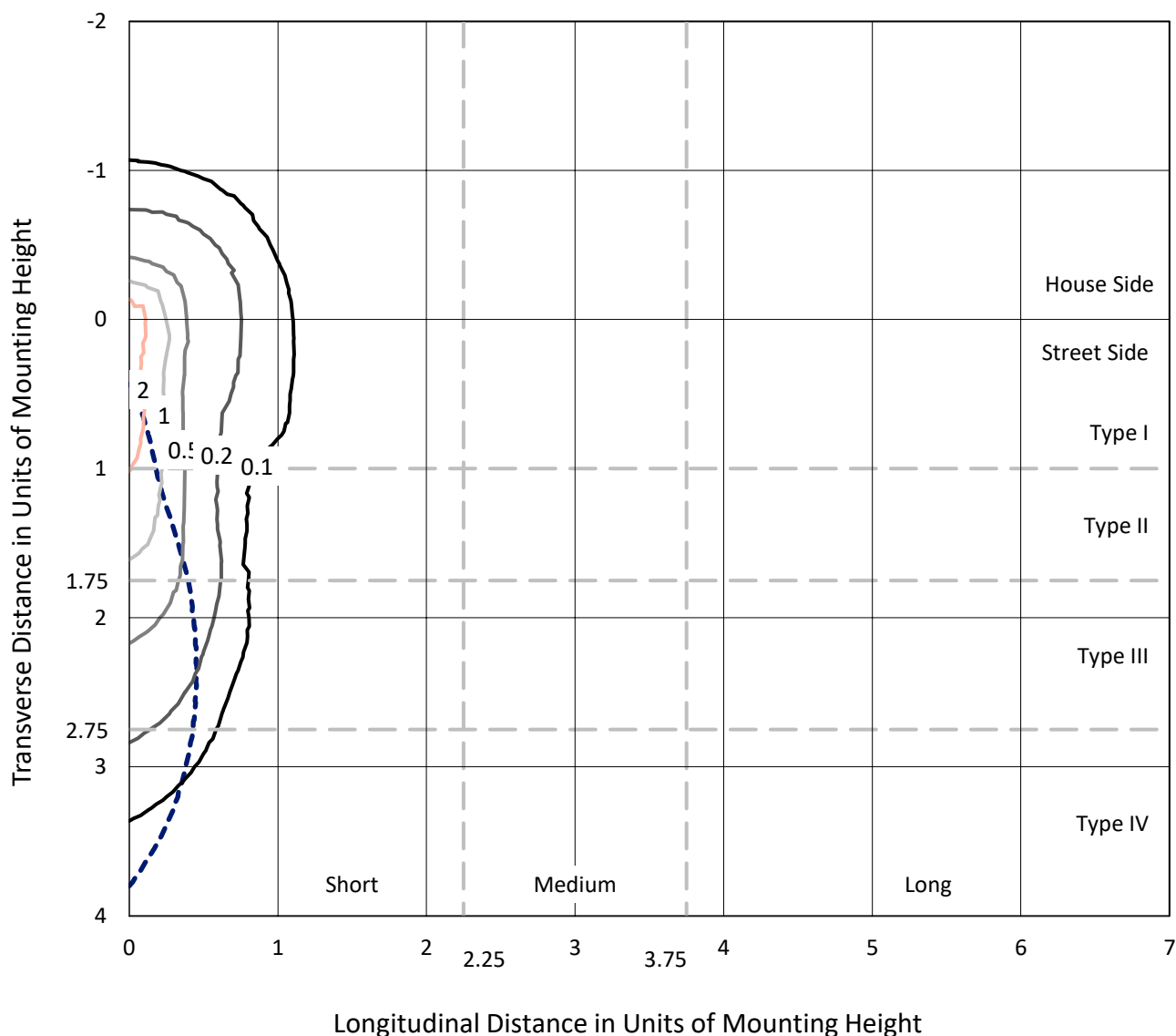
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

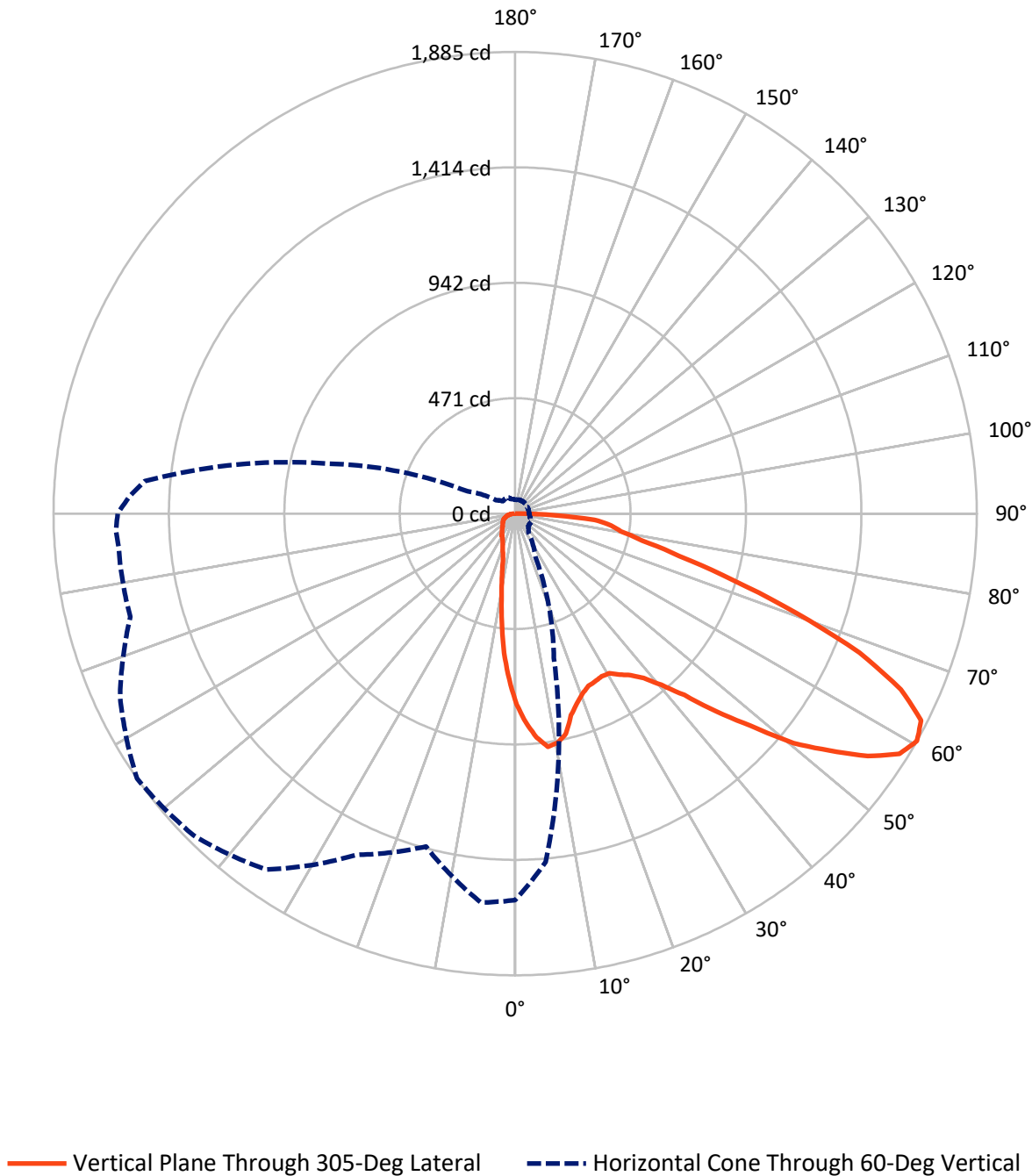


Based on 15 foot mounting height. Maximum calculated value = 3.5 fc

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	502.8	0.0	502.8
	% Fixture	20.6	0.0	20.6
Street Side	Lumens	1940.8	0.0	1940.8
	% Fixture	79.4	0.0	79.4
Total	Lumens	2443.6	0.0	2443.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.6	2.5
10°-20°	128.0	5.2
20°-30°	187.3	7.7
30°-40°	263.9	10.8
40°-50°	362.6	14.8
50°-60°	494.2	20.2
60°-70°	540.9	22.1
70°-80°	312.4	12.8
80°-90°	93.6	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°	2443.6	100.0
0°-180°	2443.6	100.0

Coefficient of Utilization



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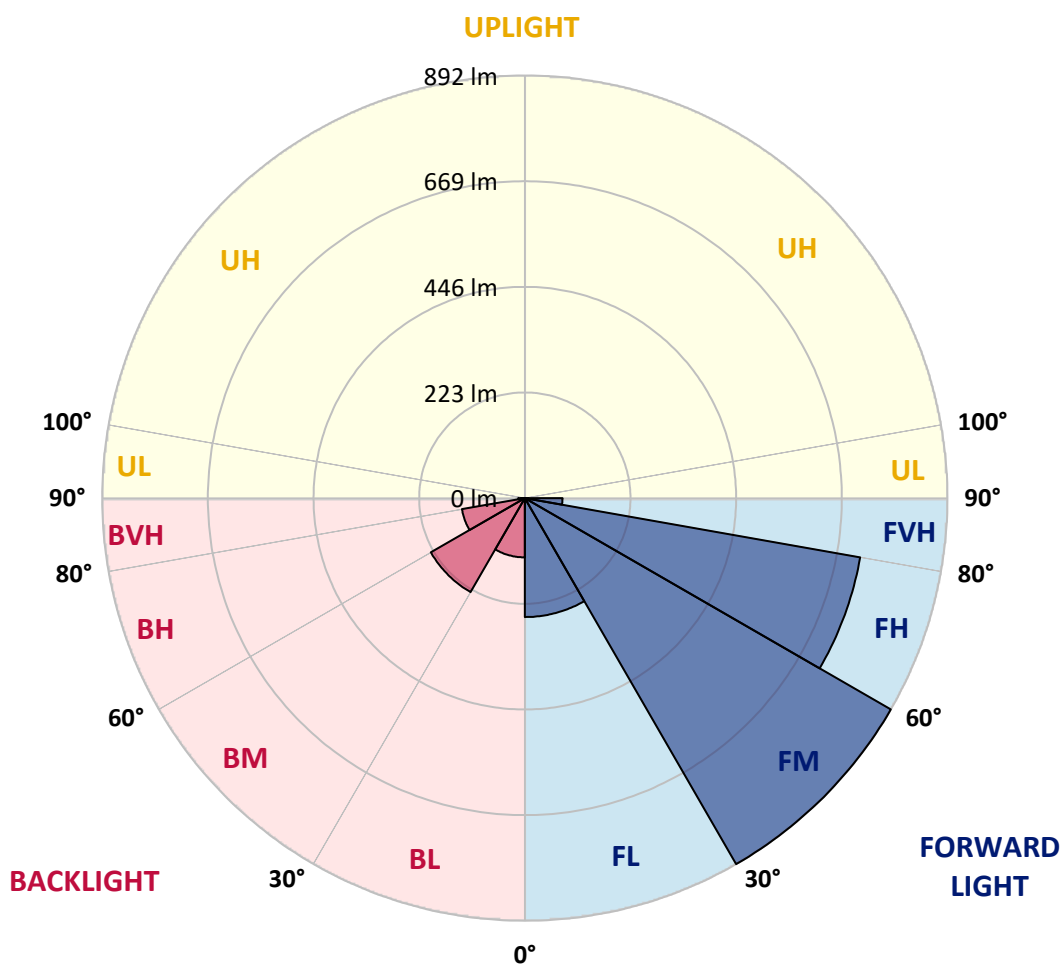
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	251.0	10.3			
FM	(30°-60°)	891.7	36.5			
FH	(60°-80°)	718.6	29.4			G1/1800
FVH	(80°-90°)	79.5	3.3			G1/100
BL	(0°-30°)	125.0	5.1	B1/500		
BM	(30°-60°)	228.9	9.4	B1/1000		
BH	(60°-80°)	134.7	5.5	B1/500		G1/500
BVH	(80°-90°)	14.1	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3
2.5°	805.3	800.9	797.7	794.4	790.1	786.8	782.5	778.2	772.7	768.4	763.0
5°	758.7	745.7	732.6	725.1	716.4	708.8	700.1	690.4	680.6	669.8	660.0
7.5°	707.7	691.5	675.2	662.2	648.1	635.1	621.0	609.1	597.2	585.2	573.3
10°	660.0	644.9	629.7	613.4	596.1	579.8	562.5	546.2	530.0	513.7	497.5
12.5°	628.6	610.2	592.8	574.4	557.1	538.6	520.2	505.0	489.9	473.6	458.4
15°	614.5	597.2	580.9	562.5	544.1	525.6	507.2	489.9	473.6	456.3	438.9
17.5°	648.1	623.2	598.3	574.4	550.6	526.7	502.9	481.2	459.5	437.9	416.2
20°	691.5	660.0	629.7	600.4	570.1	540.8	510.5	480.1	449.8	419.4	389.1
22.5°	746.7	711.0	676.3	638.4	599.3	561.4	522.4	484.5	446.5	407.5	369.6
25°	845.4	803.1	760.8	706.6	651.4	597.2	541.9	492.0	443.3	393.4	343.6
27.5°	929.9	872.5	816.1	751.1	686.0	621.0	556.0	498.5	442.2	384.7	327.3
30°	979.8	923.4	867.0	787.9	709.9	630.8	551.7	487.7	424.8	360.9	297.0
32.5°	1025.3	962.4	899.6	812.8	725.1	638.4	550.6	480.1	410.8	340.3	269.9
35°	1088.1	1018.8	950.5	849.7	748.9	648.1	547.3	474.7	401.0	328.4	254.7
37.5°	1155.3	1069.7	985.2	873.5	761.9	650.3	538.6	467.1	395.6	324.1	252.5
40°	1229.0	1125.0	1022.0	898.5	776.0	652.4	528.9	457.4	385.8	313.2	241.7
42.5°	1276.7	1164.0	1051.3	918.0	785.8	652.4	519.1	448.7	378.2	306.7	236.3
45°	1303.8	1194.3	1086.0	941.8	797.7	653.5	509.4	440.0	370.7	300.2	230.8
47.5°	1315.7	1213.9	1112.0	960.2	809.6	657.9	506.1	435.7	364.2	293.7	222.2
50°	1347.2	1257.2	1167.2	1004.7	843.2	680.6	518.1	442.2	367.4	291.5	215.7
52.5°	1365.6	1288.6	1211.7	1044.8	877.9	711.0	544.1	459.5	375.0	290.5	205.9
55°	1432.8	1359.1	1285.4	1107.6	928.8	751.1	572.2	479.0	385.8	291.5	198.3
57.5°	1518.4	1440.4	1363.4	1171.6	979.8	787.9	596.1	496.4	395.6	295.9	195.1
60°	1578.0	1502.1	1427.4	1223.6	1018.8	815.0	610.2	506.1	402.1	297.0	192.9
62.5°	1584.5	1487.0	1390.5	1192.2	993.8	794.4	596.1	495.3	394.5	292.6	191.8
65°	1543.3	1429.5	1315.7	1126.1	936.4	746.7	557.1	464.9	372.8	279.6	187.5
67.5°	1461.0	1327.6	1194.3	1020.9	847.5	674.1	500.7	421.6	343.6	264.4	185.3
70°	1269.1	1152.1	1036.1	885.5	735.9	585.2	434.6	369.6	305.6	240.6	175.6
72.5°	1065.4	955.9	847.5	725.1	603.7	481.2	358.7	310.0	261.2	211.3	162.6
75°	816.1	733.7	652.4	561.4	470.4	378.2	287.2	251.4	215.7	179.9	144.1
77.5°	573.3	528.9	485.5	417.3	349.0	280.7	212.4	188.6	164.7	140.9	117.0
80°	389.1	364.2	340.3	291.5	242.8	192.9	144.1	129.0	112.7	97.5	81.3
82.5°	241.7	240.6	238.4	204.8	171.2	137.6	104.0	91.0	79.1	66.1	53.1
85°	110.5	129.0	146.3	127.9	109.5	91.0	72.6	63.9	55.3	45.5	36.8
87.5°	34.7	42.3	48.8	46.6	43.4	41.2	37.9	32.5	27.1	21.7	16.3
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):

	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°	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3
2.5°	758.7	755.4	751.1	746.7	741.3	737.0	731.6	726.1	725.1	722.9	721.8
5°	653.5	647.0	639.4	632.9	626.4	618.8	612.3	604.8	599.3	592.8	587.4
7.5°	561.4	550.6	538.6	526.7	515.9	505.0	493.1	482.3	476.9	471.5	466.0
10°	487.7	476.9	467.1	456.3	448.7	442.2	434.6	427.0	420.5	414.0	407.5
12.5°	450.9	443.3	435.7	428.1	419.4	411.8	403.2	394.5	386.9	380.4	372.8
15°	428.1	417.3	405.3	394.5	382.6	371.7	359.8	347.9	339.2	331.6	323.0
17.5°	401.0	384.7	369.6	353.3	340.3	327.3	313.2	300.2	290.5	279.6	269.9
20°	370.7	352.2	332.7	314.3	299.1	285.0	269.9	254.7	243.9	231.9	221.1
22.5°	344.6	320.8	295.9	270.9	254.7	238.4	221.1	204.8	195.1	184.2	174.5
25°	316.5	290.5	263.4	236.3	220.0	202.7	186.4	169.1	161.5	155.0	147.4
27.5°	301.3	275.3	248.2	222.2	207.0	190.7	175.6	159.3	153.9	147.4	142.0
30°	270.9	246.0	220.0	194.0	183.2	173.4	162.6	151.7	149.6	148.5	146.3
32.5°	243.9	217.8	191.8	165.8	156.1	146.3	136.6	126.8	125.7	123.6	122.5
35°	229.8	204.8	178.8	153.9	145.2	135.5	126.8	117.0	114.9	111.6	109.5
37.5°	226.5	200.5	173.4	147.4	138.7	130.1	120.3	111.6	109.5	107.3	105.1
40°	217.8	192.9	169.1	144.1	135.5	126.8	117.0	108.4	106.2	104.0	101.9
42.5°	211.3	187.5	162.6	137.6	130.1	122.5	113.8	106.2	104.0	101.9	98.6
45°	205.9	181.0	155.0	130.1	124.6	119.2	112.7	107.3	105.1	101.9	99.7
47.5°	197.3	173.4	148.5	123.6	118.1	113.8	108.4	103.0	100.8	98.6	96.5
50°	190.7	165.8	140.9	116.0	111.6	107.3	103.0	98.6	98.6	99.7	99.7
52.5°	182.1	158.2	134.4	110.5	106.2	101.9	97.5	93.2	94.3	95.4	96.5
55°	174.5	151.7	127.9	104.0	99.7	95.4	90.0	85.6	86.7	87.8	88.9
57.5°	171.2	147.4	123.6	99.7	95.4	90.0	85.6	80.2	80.2	80.2	80.2
60°	169.1	144.1	120.3	95.4	90.0	85.6	80.2	74.8	73.7	73.7	72.6
62.5°	168.0	143.1	119.2	94.3	87.8	82.4	75.9	69.4	68.3	67.2	66.1
65°	163.7	140.9	117.0	93.2	85.6	79.1	71.5	63.9	62.9	62.9	61.8
67.5°	162.6	138.7	116.0	92.1	84.5	75.9	68.3	59.6	58.5	57.4	56.4
70°	153.9	133.3	111.6	90.0	81.3	73.7	65.0	56.4	55.3	53.1	52.0
72.5°	143.1	124.6	105.1	85.6	76.9	68.3	59.6	50.9	49.9	48.8	46.6
75°	126.8	109.5	92.1	74.8	67.2	60.7	53.1	45.5	44.4	43.4	41.2
77.5°	104.0	90.0	76.9	62.9	57.4	52.0	46.6	41.2	40.1	39.0	36.8
80°	73.7	65.0	57.4	48.8	45.5	41.2	37.9	33.6	33.6	32.5	32.5
82.5°	48.8	44.4	40.1	35.8	33.6	31.4	29.3	27.1	27.1	26.0	26.0
85°	34.7	32.5	29.3	27.1	26.0	23.8	22.8	20.6	20.6	20.6	20.6
87.5°	16.3	16.3	15.2	15.2	14.1	14.1	13.0	11.9	11.9	11.9	11.9
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):

	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: P676053

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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3
2.5°	719.6	716.4	713.1	708.8	705.6	701.2	695.8	691.5	686.0	686.0	685.0
5°	580.9	577.7	574.4	570.1	566.8	562.5	559.2	554.9	550.6	550.6	549.5
7.5°	460.6	454.1	447.6	440.0	433.5	429.2	424.8	419.4	415.1	411.8	408.6
10°	401.0	394.5	386.9	380.4	372.8	367.4	362.0	355.5	350.1	345.7	341.4
12.5°	365.2	357.7	350.1	342.5	334.9	327.3	320.8	313.2	305.6	300.2	294.8
15°	314.3	306.7	299.1	291.5	284.0	275.3	266.6	256.9	248.2	243.9	240.6
17.5°	259.0	251.4	242.8	235.2	226.5	220.0	213.5	207.0	200.5	196.2	192.9
20°	209.2	200.5	191.8	183.2	174.5	170.2	165.8	161.5	157.2	153.9	151.7
22.5°	163.7	158.2	153.9	148.5	143.1	139.8	137.6	134.4	131.1	131.1	131.1
25°	139.8	136.6	134.4	131.1	127.9	126.8	125.7	123.6	122.5	121.4	121.4
27.5°	135.5	132.2	129.0	125.7	122.5	121.4	120.3	118.1	117.0	117.0	117.0
30°	144.1	143.1	142.0	140.9	139.8	137.6	134.4	132.2	129.0	126.8	124.6
32.5°	120.3	119.2	119.2	118.1	117.0	119.2	120.3	122.5	123.6	124.6	125.7
35°	106.2	104.0	101.9	99.7	97.5	96.5	95.4	94.3	93.2	93.2	92.1
37.5°	103.0	100.8	98.6	96.5	94.3	93.2	92.1	91.0	90.0	90.0	88.9
40°	99.7	97.5	96.5	94.3	92.1	91.0	90.0	87.8	86.7	85.6	85.6
42.5°	96.5	95.4	93.2	92.1	90.0	88.9	87.8	85.6	84.5	83.5	82.4
45°	96.5	94.3	92.1	90.0	87.8	86.7	84.5	83.5	81.3	81.3	80.2
47.5°	94.3	92.1	90.0	87.8	85.6	84.5	82.4	81.3	79.1	78.0	76.9
50°	99.7	96.5	92.1	88.9	84.5	83.5	81.3	80.2	78.0	76.9	75.9
52.5°	97.5	94.3	90.0	86.7	82.4	80.2	79.1	76.9	74.8	73.7	72.6
55°	90.0	86.7	84.5	81.3	78.0	75.9	73.7	71.5	69.4	68.3	68.3
57.5°	80.2	79.1	78.0	76.9	75.9	73.7	71.5	68.3	66.1	65.0	63.9
60°	71.5	72.6	73.7	74.8	75.9	72.6	69.4	66.1	62.9	61.8	60.7
62.5°	65.0	67.2	69.4	70.4	72.6	69.4	66.1	62.9	59.6	58.5	57.4
65°	60.7	61.8	61.8	62.9	62.9	60.7	59.6	57.4	55.3	54.2	54.2
67.5°	55.3	55.3	55.3	54.2	54.2	53.1	53.1	52.0	50.9	49.9	49.9
70°	49.9	49.9	49.9	48.8	48.8	47.7	47.7	46.6	45.5	45.5	44.4
72.5°	45.5	45.5	44.4	44.4	43.4	43.4	43.4	42.3	42.3	41.2	41.2
75°	40.1	40.1	39.0	39.0	37.9	37.9	37.9	36.8	36.8	36.8	35.8
77.5°	35.8	35.8	34.7	34.7	33.6	33.6	33.6	32.5	32.5	31.4	31.4
80°	31.4	31.4	30.3	30.3	29.3	29.3	28.2	28.2	27.1	27.1	26.0
82.5°	24.9	24.9	24.9	24.9	24.9	23.8	23.8	22.8	21.7	21.7	20.6
85°	20.6	20.6	20.6	19.5	19.5	19.5	18.4	18.4	17.3	16.3	16.3
87.5°	11.9	11.9	11.9	10.8	10.8	10.8	10.8	10.8	10.8	10.8	9.8
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: P676053
 CATALOG NUMBER: CCW-SA-1B-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: P676053

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

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3
2.5°	685.0	683.9	679.5	675.2	679.5	683.9	683.9	683.9	682.8	682.8	682.8
5°	549.5	548.4	546.2	544.1	544.1	543.0	545.1	547.3	549.5	551.7	553.8
7.5°	404.3	401.0	397.8	394.5	396.7	397.8	401.0	403.2	406.4	408.6	414.0
10°	337.1	332.7	329.5	326.2	324.1	321.9	319.7	318.6	316.5	314.3	316.5
12.5°	288.3	282.9	277.5	270.9	269.9	268.8	266.6	264.4	262.3	260.1	259.0
15°	236.3	231.9	229.8	226.5	222.2	217.8	215.7	214.6	212.4	210.3	209.2
17.5°	188.6	184.2	181.0	177.7	176.7	174.5	174.5	174.5	174.5	174.5	174.5
20°	148.5	145.2	145.2	144.1	144.1	143.1	144.1	145.2	145.2	146.3	147.4
22.5°	130.1	130.1	129.0	127.9	129.0	129.0	130.1	131.1	132.2	133.3	134.4
25°	120.3	119.2	120.3	121.4	121.4	121.4	122.5	122.5	123.6	123.6	123.6
27.5°	116.0	116.0	117.0	117.0	118.1	118.1	118.1	117.0	117.0	116.0	116.0
30°	122.5	120.3	120.3	120.3	119.2	118.1	117.0	117.0	116.0	114.9	113.8
32.5°	126.8	127.9	126.8	124.6	123.6	121.4	120.3	118.1	117.0	114.9	112.7
35°	92.1	91.0	93.2	94.3	95.4	96.5	97.5	98.6	98.6	99.7	99.7
37.5°	88.9	87.8	87.8	86.7	86.7	86.7	86.7	86.7	85.6	85.6	86.7
40°	84.5	83.5	83.5	82.4	82.4	81.3	81.3	81.3	81.3	81.3	81.3
42.5°	81.3	80.2	80.2	80.2	80.2	79.1	79.1	78.0	78.0	76.9	76.9
45°	80.2	79.1	78.0	76.9	76.9	75.9	75.9	75.9	74.8	74.8	74.8
47.5°	75.9	74.8	74.8	73.7	73.7	72.6	72.6	72.6	71.5	71.5	71.5
50°	73.7	72.6	72.6	71.5	71.5	70.4	70.4	70.4	69.4	69.4	69.4
52.5°	70.4	69.4	69.4	69.4	68.3	67.2	67.2	67.2	66.1	66.1	66.1
55°	67.2	66.1	66.1	66.1	65.0	63.9	63.9	63.9	62.9	62.9	62.9
57.5°	62.9	61.8	61.8	60.7	60.7	60.7	60.7	60.7	59.6	59.6	59.6
60°	59.6	58.5	58.5	57.4	57.4	56.4	56.4	56.4	56.4	56.4	56.4
62.5°	56.4	55.3	54.2	53.1	54.2	54.2	54.2	54.2	53.1	53.1	53.1
65°	53.1	52.0	50.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
67.5°	48.8	47.7	46.6	45.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6
70°	44.4	43.4	43.4	42.3	42.3	41.2	41.2	42.3	42.3	42.3	42.3
72.5°	40.1	39.0	39.0	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
75°	35.8	34.7	34.7	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
77.5°	30.3	29.3	29.3	29.3	29.3	29.3	29.3	30.3	30.3	30.3	30.3
80°	26.0	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
82.5°	20.6	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
85°	15.2	14.1	14.1	14.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2
87.5°	9.8	8.7	8.7	8.7	9.8	9.8	9.8	9.8	8.7	8.7	8.7
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: P676053

CATALOG NUMBER: CCW-SA-1B-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: P676053

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

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3
2.5°	682.8	682.8	682.8	681.7	680.6	679.5	678.5	681.7	683.9	687.1	689.3
5°	554.9	557.1	558.2	561.4	564.7	567.9	571.2	573.3	575.5	576.6	578.7
7.5°	418.3	423.8	428.1	432.4	436.8	440.0	444.4	447.6	450.9	454.1	457.4
10°	317.6	319.7	320.8	325.1	328.4	332.7	336.0	339.2	342.5	344.6	347.9
12.5°	257.9	255.8	254.7	254.7	254.7	254.7	254.7	256.9	259.0	261.2	263.4
15°	208.1	207.0	205.9	204.8	203.8	201.6	200.5	202.7	204.8	207.0	209.2
17.5°	174.5	174.5	174.5	173.4	172.3	171.2	170.2	171.2	172.3	172.3	173.4
20°	149.6	150.6	151.7	152.8	152.8	153.9	153.9	155.0	156.1	156.1	157.2
22.5°	134.4	135.5	135.5	135.5	136.6	136.6	136.6	137.6	138.7	139.8	140.9
25°	122.5	122.5	121.4	121.4	122.5	122.5	122.5	122.5	123.6	123.6	123.6
27.5°	116.0	114.9	114.9	114.9	114.9	113.8	113.8	113.8	113.8	113.8	113.8
30°	112.7	111.6	110.5	109.5	109.5	108.4	107.3	107.3	107.3	107.3	107.3
32.5°	111.6	109.5	107.3	106.2	106.2	105.1	104.0	103.0	103.0	101.9	100.8
35°	99.7	98.6	98.6	97.5	96.5	95.4	94.3	94.3	94.3	93.2	93.2
37.5°	86.7	87.8	87.8	87.8	88.9	88.9	88.9	88.9	90.0	90.0	90.0
40°	81.3	81.3	81.3	82.4	83.5	83.5	84.5	84.5	85.6	85.6	85.6
42.5°	76.9	75.9	75.9	76.9	76.9	78.0	78.0	79.1	80.2	80.2	81.3
45°	74.8	73.7	73.7	73.7	73.7	72.6	72.6	73.7	74.8	75.9	76.9
47.5°	70.4	70.4	69.4	69.4	69.4	69.4	69.4	69.4	70.4	70.4	70.4
50°	68.3	68.3	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
52.5°	66.1	65.0	65.0	65.0	65.0	63.9	63.9	63.9	63.9	63.9	63.9
55°	62.9	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.9	62.9	62.9
57.5°	59.6	58.5	58.5	58.5	59.6	59.6	59.6	59.6	60.7	60.7	60.7
60°	56.4	56.4	56.4	56.4	56.4	56.4	56.4	57.4	57.4	58.5	58.5
62.5°	53.1	53.1	53.1	53.1	54.2	54.2	54.2	54.2	55.3	55.3	55.3
65°	49.9	49.9	49.9	49.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
67.5°	46.6	46.6	46.6	46.6	46.6	46.6	46.6	47.7	47.7	48.8	48.8
70°	42.3	41.2	41.2	42.3	42.3	43.4	43.4	44.4	44.4	45.5	45.5
72.5°	37.9	37.9	37.9	37.9	37.9	37.9	37.9	39.0	40.1	40.1	41.2
75°	33.6	33.6	33.6	33.6	34.7	34.7	34.7	35.8	35.8	36.8	36.8
77.5°	30.3	29.3	29.3	29.3	30.3	30.3	30.3	31.4	31.4	32.5	32.5
80°	24.9	24.9	24.9	24.9	26.0	26.0	26.0	26.0	27.1	27.1	27.1
82.5°	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	21.7	21.7	21.7
85°	15.2	15.2	15.2	15.2	16.3	16.3	16.3	16.3	16.3	16.3	16.3
87.5°	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	10.8	10.8	10.8
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: P676053
 CATALOG NUMBER: CCW-SA-1B-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: P676053

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

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3
2.5°	689.3	689.3	689.3	689.3	691.5	692.5	694.7	695.8	694.7	693.6	691.5
5°	579.8	580.9	580.9	582.0	582.0	582.0	582.0	582.0	584.2	586.3	588.5
7.5°	458.4	459.5	460.6	461.7	461.7	461.7	460.6	460.6	461.7	461.7	462.8
10°	351.1	355.5	358.7	362.0	359.8	356.6	354.4	351.1	351.1	351.1	350.1
12.5°	265.5	266.6	268.8	269.9	268.8	268.8	267.7	266.6	267.7	269.9	270.9
15°	210.3	210.3	211.3	211.3	212.4	213.5	213.5	214.6	216.8	217.8	220.0
17.5°	174.5	175.6	175.6	176.7	176.7	177.7	177.7	177.7	179.9	182.1	185.3
20°	157.2	157.2	157.2	157.2	157.2	156.1	156.1	155.0	156.1	158.2	159.3
22.5°	140.9	142.0	142.0	142.0	140.9	139.8	137.6	136.6	136.6	137.6	137.6
25°	123.6	122.5	122.5	121.4	121.4	122.5	122.5	122.5	123.6	123.6	124.6
27.5°	113.8	112.7	112.7	111.6	111.6	112.7	112.7	112.7	112.7	112.7	112.7
30°	106.2	106.2	105.1	104.0	105.1	105.1	106.2	106.2	107.3	107.3	108.4
32.5°	100.8	99.7	99.7	98.6	99.7	99.7	100.8	100.8	101.9	103.0	103.0
35°	93.2	93.2	93.2	93.2	93.2	93.2	92.1	92.1	92.1	92.1	92.1
37.5°	88.9	88.9	87.8	86.7	86.7	86.7	86.7	86.7	85.6	84.5	83.5
40°	85.6	84.5	84.5	83.5	82.4	82.4	81.3	80.2	80.2	79.1	79.1
42.5°	81.3	80.2	80.2	79.1	78.0	78.0	76.9	75.9	75.9	75.9	74.8
45°	75.9	75.9	74.8	73.7	73.7	73.7	72.6	72.6	72.6	72.6	71.5
47.5°	70.4	70.4	69.4	69.4	69.4	69.4	68.3	68.3	68.3	68.3	68.3
50°	67.2	67.2	67.2	67.2	67.2	67.2	66.1	66.1	66.1	66.1	66.1
52.5°	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
55°	62.9	62.9	62.9	62.9	62.9	62.9	61.8	61.8	61.8	62.9	62.9
57.5°	60.7	60.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
60°	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
62.5°	55.3	55.3	55.3	55.3	55.3	56.4	56.4	56.4	56.4	56.4	55.3
65°	50.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
67.5°	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
70°	45.5	45.5	44.4	44.4	44.4	45.5	45.5	45.5	45.5	45.5	45.5
72.5°	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	42.3	42.3
75°	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
77.5°	32.5	32.5	31.4	31.4	31.4	32.5	32.5	32.5	32.5	33.6	33.6
80°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	28.2	28.2
82.5°	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	22.8	22.8
85°	16.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	18.4	18.4
87.5°	10.8	10.8	10.8	10.8	10.8	10.8	9.8	9.8	9.8	9.8	8.7
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: P676053
 CATALOG NUMBER: CCW-SA-1B-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: P676053

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

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3
2.5°	690.4	691.5	692.5	692.5	693.6	694.7	694.7	699.0	703.4	705.6	707.7
5°	590.7	589.6	589.6	588.5	587.4	590.7	593.9	600.4	606.9	608.0	610.2
7.5°	462.8	463.9	464.9	464.9	466.0	462.8	458.4	459.5	460.6	466.0	470.4
10°	350.1	351.1	352.2	352.2	353.3	352.2	350.1	353.3	356.6	360.9	366.3
12.5°	272.0	275.3	278.5	280.7	284.0	286.1	287.2	291.5	294.8	300.2	305.6
15°	222.2	224.3	226.5	228.7	230.8	233.0	235.2	239.5	243.9	250.4	256.9
17.5°	187.5	187.5	188.6	188.6	188.6	190.7	192.9	195.1	196.2	202.7	209.2
20°	160.4	159.3	158.2	157.2	156.1	158.2	159.3	160.4	161.5	165.8	169.1
22.5°	137.6	137.6	138.7	138.7	138.7	137.6	135.5	136.6	136.6	138.7	142.0
25°	124.6	124.6	124.6	123.6	123.6	124.6	125.7	125.7	124.6	125.7	126.8
27.5°	112.7	113.8	113.8	114.9	114.9	116.0	116.0	116.0	116.0	117.0	118.1
30°	108.4	108.4	109.5	109.5	109.5	110.5	111.6	111.6	111.6	112.7	114.9
32.5°	104.0	105.1	106.2	107.3	108.4	109.5	109.5	110.5	110.5	111.6	112.7
35°	92.1	91.0	91.0	90.0	88.9	88.9	88.9	88.9	87.8	88.9	88.9
37.5°	82.4	82.4	82.4	81.3	81.3	82.4	82.4	82.4	82.4	83.5	83.5
40°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	79.1	79.1	80.2	81.3
42.5°	74.8	74.8	74.8	74.8	74.8	75.9	75.9	75.9	75.9	76.9	76.9
45°	71.5	71.5	71.5	71.5	71.5	71.5	71.5	72.6	72.6	73.7	74.8
47.5°	68.3	68.3	68.3	68.3	68.3	69.4	70.4	70.4	70.4	71.5	71.5
50°	66.1	66.1	66.1	66.1	66.1	67.2	67.2	68.3	68.3	69.4	70.4
52.5°	63.9	63.9	63.9	63.9	63.9	65.0	65.0	66.1	66.1	67.2	68.3
55°	62.9	62.9	62.9	61.8	61.8	62.9	62.9	63.9	63.9	65.0	65.0
57.5°	59.6	59.6	59.6	59.6	59.6	59.6	59.6	60.7	60.7	61.8	62.9
60°	58.5	58.5	57.4	57.4	56.4	57.4	57.4	58.5	58.5	59.6	59.6
62.5°	55.3	55.3	55.3	54.2	54.2	55.3	55.3	55.3	55.3	56.4	57.4
65°	52.0	52.0	52.0	50.9	50.9	52.0	52.0	52.0	52.0	53.1	54.2
67.5°	48.8	48.8	48.8	47.7	47.7	47.7	47.7	48.8	48.8	49.9	50.9
70°	45.5	45.5	45.5	44.4	44.4	44.4	43.4	44.4	45.5	46.6	46.6
72.5°	42.3	42.3	42.3	41.2	41.2	41.2	40.1	41.2	41.2	42.3	42.3
75°	36.8	36.8	36.8	36.8	36.8	36.8	35.8	35.8	35.8	36.8	36.8
77.5°	33.6	33.6	33.6	32.5	32.5	32.5	31.4	31.4	31.4	32.5	32.5
80°	28.2	28.2	28.2	27.1	27.1	27.1	26.0	26.0	26.0	27.1	27.1
82.5°	22.8	22.8	22.8	21.7	21.7	21.7	20.6	20.6	20.6	21.7	21.7
85°	18.4	18.4	18.4	18.4	18.4	18.4	17.3	17.3	17.3	18.4	19.5
87.5°	8.7	8.7	9.8	9.8	9.8	9.8	8.7	8.7	7.6	7.6	8.7
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: P676053
 CATALOG NUMBER: CCW-SA-1B-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: P676053

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

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3
2.5°	709.9	712.1	717.5	721.8	727.2	731.6	734.8	739.1	742.4	745.7	747.8
5°	611.3	612.3	617.8	623.2	627.5	632.9	640.5	648.1	655.7	663.3	668.7
7.5°	475.8	480.1	486.6	494.2	500.7	507.2	514.8	523.5	531.1	538.6	546.2
10°	370.7	375.0	381.5	388.0	393.4	399.9	408.6	417.3	425.9	434.6	443.3
12.5°	311.0	316.5	324.1	331.6	338.1	345.7	356.6	366.3	377.2	386.9	397.8
15°	262.3	268.8	278.5	289.4	299.1	308.9	319.7	330.6	340.3	351.1	362.0
17.5°	215.7	222.2	230.8	240.6	249.3	257.9	270.9	282.9	295.9	307.8	319.7
20°	173.4	176.7	185.3	194.0	202.7	211.3	221.1	230.8	240.6	250.4	265.5
22.5°	144.1	146.3	150.6	153.9	158.2	161.5	171.2	181.0	189.7	199.4	213.5
25°	126.8	127.9	131.1	133.3	136.6	138.7	145.2	150.6	157.2	162.6	175.6
27.5°	118.1	119.2	120.3	121.4	122.5	123.6	127.9	132.2	135.5	139.8	151.7
30°	116.0	117.0	120.3	122.5	125.7	127.9	130.1	132.2	134.4	136.6	144.1
32.5°	113.8	114.9	114.9	113.8	113.8	112.7	114.9	116.0	118.1	119.2	125.7
35°	90.0	90.0	91.0	92.1	93.2	94.3	97.5	99.7	103.0	105.1	110.5
37.5°	84.5	84.5	85.6	87.8	88.9	90.0	92.1	94.3	96.5	98.6	104.0
40°	81.3	82.4	83.5	84.5	85.6	86.7	88.9	90.0	92.1	93.2	97.5
42.5°	78.0	78.0	79.1	81.3	82.4	83.5	85.6	86.7	88.9	90.0	94.3
45°	75.9	76.9	78.0	79.1	79.1	80.2	82.4	84.5	85.6	87.8	92.1
47.5°	72.6	72.6	74.8	75.9	78.0	79.1	81.3	82.4	84.5	85.6	90.0
50°	70.4	71.5	73.7	74.8	76.9	78.0	81.3	83.5	86.7	88.9	91.0
52.5°	68.3	69.4	71.5	72.6	74.8	75.9	80.2	84.5	87.8	92.1	92.1
55°	66.1	66.1	68.3	71.5	73.7	75.9	78.0	81.3	83.5	85.6	85.6
57.5°	62.9	63.9	66.1	69.4	71.5	73.7	75.9	78.0	79.1	81.3	80.2
60°	60.7	60.7	63.9	67.2	70.4	73.7	73.7	73.7	72.6	72.6	72.6
62.5°	57.4	58.5	62.9	68.3	72.6	76.9	73.7	70.4	67.2	63.9	65.0
65°	55.3	56.4	58.5	61.8	63.9	66.1	63.9	62.9	60.7	58.5	59.6
67.5°	50.9	52.0	53.1	53.1	54.2	54.2	54.2	54.2	54.2	54.2	55.3
70°	47.7	47.7	47.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.9
72.5°	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	44.4
75°	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	39.0
77.5°	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	32.5	32.5	33.6
80°	28.2	28.2	28.2	28.2	27.1	27.1	27.1	27.1	27.1	27.1	28.2
82.5°	22.8	22.8	22.8	22.8	21.7	21.7	21.7	21.7	20.6	20.6	21.7
85°	20.6	21.7	21.7	22.8	22.8	22.8	21.7	20.6	19.5	18.4	18.4
87.5°	8.7	8.7	8.7	8.7	7.6	7.6	7.6	7.6	7.6	7.6	7.6
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: P676053
 CATALOG NUMBER: CCW-SA-1B-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: P676053

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3
2.5°	751.1	753.2	755.4	758.7	763.0	766.2	769.5	776.0	783.6	790.1	796.6
5°	674.1	679.5	685.0	691.5	698.0	703.4	709.9	722.9	735.9	747.8	760.8
7.5°	552.7	560.3	566.8	577.7	587.4	598.3	608.0	624.3	639.4	655.7	670.9
10°	451.9	460.6	469.3	483.4	498.5	512.6	526.7	539.7	553.8	566.8	579.8
12.5°	408.6	418.3	429.2	437.9	447.6	456.3	464.9	480.1	495.3	510.5	525.6
15°	372.8	383.7	394.5	405.3	415.1	425.9	435.7	448.7	462.8	475.8	488.8
17.5°	331.6	342.5	354.4	366.3	378.2	390.2	402.1	420.5	438.9	456.3	474.7
20°	279.6	294.8	308.9	325.1	341.4	357.7	373.9	393.4	412.9	431.4	450.9
22.5°	227.6	241.7	255.8	275.3	294.8	313.2	332.7	358.7	383.7	409.7	434.6
25°	189.7	202.7	215.7	237.4	257.9	279.6	300.2	331.6	362.0	393.4	423.8
27.5°	163.7	175.6	187.5	210.3	233.0	254.7	277.5	312.1	345.7	380.4	414.0
30°	151.7	159.3	166.9	188.6	210.3	230.8	252.5	286.1	319.7	353.3	386.9
32.5°	132.2	138.7	145.2	164.7	184.2	202.7	222.2	256.9	290.5	325.1	358.7
35°	117.0	122.5	127.9	146.3	163.7	182.1	199.4	234.1	268.8	303.5	338.1
37.5°	108.4	113.8	118.1	134.4	151.7	168.0	184.2	218.9	252.5	287.2	320.8
40°	101.9	105.1	109.5	125.7	140.9	157.2	172.3	203.8	236.3	267.7	299.1
42.5°	97.5	101.9	105.1	119.2	134.4	148.5	162.6	192.9	223.3	252.5	282.9
45°	96.5	100.8	105.1	117.0	129.0	139.8	151.7	181.0	210.3	239.5	268.8
47.5°	94.3	97.5	101.9	111.6	120.3	130.1	138.7	168.0	197.3	225.4	254.7
50°	93.2	94.3	96.5	105.1	113.8	122.5	131.1	160.4	189.7	218.9	248.2
52.5°	92.1	92.1	92.1	99.7	107.3	113.8	121.4	150.6	181.0	210.3	239.5
55°	85.6	84.5	84.5	92.1	98.6	106.2	112.7	142.0	171.2	199.4	228.7
57.5°	79.1	78.0	76.9	83.5	90.0	96.5	103.0	132.2	162.6	191.8	221.1
60°	72.6	71.5	71.5	78.0	83.5	90.0	95.4	125.7	155.0	185.3	214.6
62.5°	65.0	66.1	66.1	71.5	78.0	83.5	88.9	119.2	150.6	181.0	211.3
65°	59.6	60.7	60.7	67.2	73.7	80.2	86.7	116.0	146.3	175.6	204.8
67.5°	55.3	56.4	56.4	63.9	70.4	78.0	84.5	110.5	137.6	163.7	189.7
70°	50.9	50.9	52.0	59.6	67.2	74.8	82.4	105.1	127.9	149.6	172.3
72.5°	45.5	46.6	47.7	55.3	61.8	69.4	75.9	96.5	117.0	137.6	158.2
75°	40.1	41.2	42.3	48.8	55.3	61.8	68.3	87.8	106.2	125.7	144.1
77.5°	35.8	36.8	37.9	43.4	48.8	54.2	59.6	73.7	88.9	103.0	117.0
80°	29.3	29.3	30.3	34.7	39.0	42.3	46.6	56.4	66.1	74.8	84.5
82.5°	21.7	22.8	22.8	26.0	28.2	31.4	33.6	39.0	43.4	48.8	53.1
85°	18.4	17.3	17.3	19.5	20.6	22.8	23.8	27.1	29.3	32.5	34.7
87.5°	7.6	6.5	6.5	7.6	9.8	10.8	11.9	11.9	13.0	13.0	13.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P676053

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3
2.5°	799.8	802.0	805.3	807.4	812.8	817.2	822.6	826.9	830.2	835.6	833.4
5°	770.6	780.3	790.1	799.8	807.4	815.0	821.5	829.1	837.8	854.0	858.4
7.5°	683.9	696.9	708.8	721.8	737.0	752.2	767.3	782.5	796.6	817.2	830.2
10°	598.3	616.7	634.0	652.4	666.5	680.6	693.6	707.7	727.2	747.8	771.7
12.5°	544.1	562.5	580.9	599.3	619.9	639.4	660.0	679.5	698.0	714.2	741.3
15°	508.3	528.9	548.4	567.9	592.8	616.7	641.6	665.5	692.5	714.2	732.6
17.5°	499.6	524.6	548.4	573.3	599.3	625.4	651.4	677.4	704.5	737.0	760.8
20°	484.5	518.1	551.7	585.2	618.8	651.4	685.0	717.5	753.2	792.3	803.1
22.5°	475.8	515.9	557.1	597.2	642.7	689.3	734.8	780.3	818.3	847.5	880.0
25°	474.7	524.6	575.5	625.4	682.8	739.1	796.6	852.9	901.7	931.0	957.0
27.5°	473.6	534.3	593.9	653.5	724.0	793.3	863.8	933.1	978.7	1020.9	1042.6
30°	460.6	533.2	606.9	679.5	758.7	837.8	916.9	996.0	1042.6	1071.9	1082.7
32.5°	444.4	530.0	615.6	701.2	791.2	881.1	970.0	1060.0	1096.8	1121.7	1113.1
35°	431.4	525.6	618.8	712.1	807.4	903.9	999.3	1094.6	1147.7	1182.4	1168.3
37.5°	419.4	518.1	616.7	715.3	826.9	938.6	1050.2	1161.8	1212.8	1249.6	1233.4
40°	405.3	510.5	616.7	721.8	849.7	976.5	1104.4	1231.2	1297.3	1328.7	1303.8
42.5°	393.4	502.9	613.4	722.9	859.4	996.0	1132.6	1269.1	1342.8	1387.3	1355.8
45°	378.2	487.7	596.1	705.6	856.2	1006.8	1156.4	1307.1	1392.7	1427.4	1384.0
47.5°	362.0	470.4	577.7	685.0	845.4	1005.8	1166.2	1326.6	1405.7	1446.9	1406.8
50°	356.6	464.9	572.2	680.6	854.0	1028.5	1201.9	1375.3	1432.8	1466.4	1413.3
52.5°	355.5	470.4	586.3	701.2	875.7	1049.1	1223.6	1397.0	1443.6	1479.4	1431.7
55°	352.2	476.9	600.4	724.0	906.1	1089.2	1271.3	1453.4	1500.0	1526.0	1490.2
57.5°	355.5	489.9	623.2	757.6	945.1	1132.6	1320.1	1507.6	1563.9	1582.3	1574.8
60°	357.7	500.7	642.7	785.8	968.9	1152.1	1335.2	1518.4	1576.9	1622.4	1631.1
62.5°	352.2	493.1	632.9	773.8	939.7	1105.5	1271.3	1437.1	1533.6	1600.8	1639.8
65°	336.0	466.0	597.2	727.2	880.0	1033.9	1186.8	1339.6	1441.4	1541.2	1572.6
67.5°	300.2	410.8	521.3	631.9	765.2	898.5	1030.7	1164.0	1291.9	1388.3	1431.7
70°	260.1	346.8	434.6	521.3	642.7	764.1	885.5	1006.8	1119.6	1225.8	1267.0
72.5°	226.5	293.7	362.0	429.2	515.9	601.5	688.2	773.8	907.1	1013.3	1053.4
75°	192.9	241.7	289.4	338.1	397.8	457.4	515.9	575.5	669.8	765.2	805.3
77.5°	148.5	181.0	212.4	243.9	285.0	325.1	366.3	406.4	472.5	544.1	564.7
80°	103.0	121.4	138.7	157.2	189.7	222.2	254.7	287.2	330.6	370.7	402.1
82.5°	63.9	75.9	86.7	97.5	123.6	149.6	174.5	200.5	217.8	220.0	251.4
85°	41.2	48.8	55.3	61.8	76.9	93.2	108.4	123.6	110.5	103.0	122.5
87.5°	16.3	20.6	23.8	27.1	26.0	24.9	23.8	22.8	19.5	17.3	21.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P676053

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3
2.5°	835.6	838.9	842.1	844.3	847.5	848.6	849.7	849.7	850.8	851.9	854.0
5°	875.7	882.2	888.7	894.1	900.6	906.1	910.4	915.8	920.1	920.1	919.1
7.5°	842.1	858.4	874.6	890.9	907.1	919.1	929.9	941.8	952.7	954.8	957.0
10°	797.7	815.0	831.3	848.6	864.9	883.3	900.6	918.0	936.4	939.7	944.0
12.5°	756.5	777.1	797.7	817.2	837.8	850.8	863.8	875.7	888.7	897.4	906.1
15°	755.4	772.7	790.1	806.3	823.7	831.3	838.9	845.4	852.9	852.9	854.0
17.5°	780.3	791.2	802.0	811.8	822.6	823.7	825.9	826.9	828.0	824.8	821.5
20°	829.1	833.4	837.8	842.1	846.4	838.9	832.4	824.8	817.2	808.5	800.9
22.5°	900.6	890.9	881.1	871.4	861.6	848.6	834.5	821.5	807.4	796.6	785.8
25°	967.8	955.9	944.0	932.1	920.1	892.0	863.8	834.5	806.3	794.4	782.5
27.5°	1057.8	1039.4	1020.9	1002.5	984.1	946.2	908.2	870.3	832.4	811.8	792.3
30°	1079.5	1058.9	1038.3	1016.6	996.0	959.2	923.4	886.5	849.7	825.9	803.1
32.5°	1110.9	1087.0	1063.2	1039.4	1015.5	979.8	944.0	907.1	871.4	849.7	826.9
35°	1162.9	1135.8	1108.7	1080.5	1053.4	1016.6	980.8	944.0	907.1	882.2	858.4
37.5°	1207.3	1175.9	1144.5	1113.1	1081.6	1049.1	1015.5	983.0	949.4	924.5	900.6
40°	1257.2	1222.5	1187.8	1154.2	1119.6	1089.2	1058.9	1027.4	997.1	977.6	958.1
42.5°	1300.6	1258.3	1217.1	1175.9	1133.7	1113.1	1093.5	1073.0	1052.4	1042.6	1031.8
45°	1330.9	1291.9	1251.8	1212.8	1173.8	1158.6	1143.4	1128.2	1113.1	1122.8	1132.6
47.5°	1343.9	1312.5	1282.1	1251.8	1220.4	1225.8	1231.2	1235.5	1240.9	1254.0	1268.0
50°	1355.8	1338.5	1320.1	1302.7	1284.3	1304.9	1324.4	1345.0	1365.6	1392.7	1419.8
52.5°	1379.7	1369.9	1361.2	1351.5	1341.7	1377.5	1413.3	1449.0	1484.8	1515.1	1545.5
55°	1451.2	1443.6	1436.0	1427.4	1419.8	1470.7	1520.6	1571.5	1622.4	1653.9	1685.3
57.5°	1549.8	1545.5	1540.1	1535.7	1530.3	1580.2	1628.9	1677.7	1727.6	1757.9	1789.3
60°	1624.6	1625.7	1625.7	1626.8	1626.8	1664.7	1702.6	1741.7	1779.6	1805.6	1832.7
62.5°	1664.7	1662.5	1660.4	1658.2	1656.0	1687.5	1718.9	1750.3	1781.8	1801.3	1820.8
65°	1621.4	1633.3	1645.2	1657.1	1669.0	1673.4	1676.6	1681.0	1684.2	1696.1	1708.1
67.5°	1476.1	1500.0	1522.7	1546.6	1569.3	1553.1	1537.9	1521.6	1505.4	1508.6	1510.8
70°	1314.6	1341.7	1369.9	1397.0	1424.1	1386.2	1348.2	1309.2	1271.3	1258.3	1245.3
72.5°	1108.7	1132.6	1157.5	1181.3	1205.2	1158.6	1113.1	1066.5	1019.9	997.1	974.3
75°	847.5	875.7	905.0	933.1	961.3	909.3	856.2	804.2	751.1	735.9	721.8
77.5°	617.8	651.4	685.0	718.6	752.2	705.6	658.9	611.3	564.7	556.0	547.3
80°	449.8	475.8	500.7	526.7	551.7	524.6	497.5	470.4	443.3	442.2	441.1
82.5°	303.5	326.2	347.9	370.7	392.3	381.5	371.7	360.9	350.1	360.9	372.8
85°	156.1	187.5	220.0	251.4	282.9	279.6	277.5	274.2	270.9	285.0	298.0
87.5°	31.4	58.5	85.6	111.6	138.7	132.2	125.7	118.1	111.6	116.0	119.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P676053

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

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3
2.5°	855.1	856.2	856.2	856.2	856.2	856.2	854.0	852.9	850.8	848.6	845.4
5°	919.1	918.0	913.6	909.3	903.9	899.6	896.3	892.0	888.7	884.4	877.9
7.5°	959.2	961.3	953.7	947.2	939.7	932.1	924.5	916.9	909.3	901.7	886.5
10°	947.2	950.5	946.2	941.8	936.4	932.1	923.4	913.6	905.0	895.2	876.8
12.5°	913.6	922.3	920.1	918.0	915.8	913.6	908.2	901.7	896.3	889.8	869.2
15°	854.0	854.0	855.1	856.2	856.2	857.3	858.4	859.4	860.5	861.6	849.7
17.5°	818.3	815.0	815.0	815.0	815.0	815.0	819.3	824.8	829.1	833.4	830.2
20°	792.3	784.7	783.6	783.6	782.5	781.4	789.0	797.7	805.3	812.8	817.2
22.5°	774.9	764.1	763.0	761.9	760.8	759.7	769.5	779.2	789.0	798.8	813.9
25°	770.6	758.7	759.7	760.8	760.8	761.9	769.5	777.1	784.7	792.3	818.3
27.5°	771.7	752.2	753.2	754.3	754.3	755.4	767.3	778.2	790.1	800.9	833.4
30°	779.2	756.5	754.3	752.2	750.0	747.8	764.1	780.3	796.6	812.8	837.8
32.5°	805.3	783.6	778.2	772.7	767.3	761.9	781.4	799.8	819.3	837.8	858.4
35°	833.4	809.6	807.4	805.3	802.0	799.8	817.2	835.6	852.9	870.3	888.7
37.5°	875.7	851.9	849.7	846.4	844.3	841.0	860.5	879.0	898.5	916.9	933.1
40°	938.6	919.1	918.0	918.0	916.9	915.8	931.0	947.2	962.4	977.6	988.4
42.5°	1022.0	1012.3	1015.5	1019.9	1023.1	1026.4	1038.3	1051.3	1063.2	1075.1	1071.9
45°	1142.3	1152.1	1153.2	1154.2	1155.3	1156.4	1159.7	1164.0	1167.2	1170.5	1157.5
47.5°	1281.0	1294.1	1300.6	1307.1	1312.5	1319.0	1314.6	1309.2	1304.9	1299.5	1267.0
50°	1445.8	1472.9	1471.8	1470.7	1468.5	1467.5	1458.8	1450.1	1440.4	1431.7	1384.0
52.5°	1575.8	1606.2	1611.6	1617.0	1622.4	1627.9	1611.6	1595.3	1578.0	1561.7	1502.1
55°	1715.6	1747.1	1748.2	1749.2	1749.2	1750.3	1727.6	1704.8	1681.0	1658.2	1596.4
57.5°	1819.7	1850.0	1846.8	1844.6	1841.4	1838.1	1811.0	1783.9	1756.8	1729.7	1668.0
60°	1858.7	1884.7	1878.2	1871.7	1864.1	1857.6	1837.0	1816.4	1794.8	1774.2	1714.6
62.5°	1840.3	1859.8	1850.0	1841.4	1831.6	1821.9	1795.8	1768.8	1742.7	1715.6	1672.3
65°	1718.9	1730.8	1717.8	1705.9	1694.0	1681.0	1659.3	1637.6	1614.9	1593.2	1563.9
67.5°	1514.1	1516.2	1515.1	1514.1	1513.0	1511.9	1480.5	1449.0	1416.5	1385.1	1382.9
70°	1233.4	1220.4	1222.5	1225.8	1227.9	1230.1	1206.3	1183.5	1159.7	1135.8	1146.7
72.5°	951.6	928.8	934.2	940.7	946.2	951.6	932.1	913.6	894.1	874.6	889.8
75°	706.6	692.5	698.0	704.5	709.9	715.3	707.7	700.1	691.5	683.9	698.0
77.5°	538.6	530.0	531.1	531.1	532.1	532.1	533.2	535.4	536.5	537.6	552.7
80°	438.9	437.9	436.8	435.7	433.5	432.4	443.3	454.1	464.9	475.8	483.4
82.5°	383.7	394.5	388.0	382.6	376.1	369.6	379.3	389.1	398.8	408.6	405.3
85°	312.1	325.1	313.2	301.3	288.3	276.4	285.0	292.6	301.3	308.9	304.5
87.5°	123.6	126.8	107.3	88.9	69.4	49.9	79.1	107.3	136.6	164.7	169.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P676053

CATALOG NUMBER: CCW-SA-1B-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: P676053

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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3	780.3
2.5°	842.1	837.8	834.5	833.4	831.3	830.2	828.0	825.9	822.6	820.4	817.2
5°	870.3	863.8	856.2	845.4	835.6	824.8	813.9	804.2	794.4	783.6	773.8
7.5°	871.4	856.2	841.0	826.9	811.8	797.7	782.5	769.5	755.4	741.3	728.3
10°	859.4	841.0	822.6	804.2	786.8	768.4	750.0	734.8	718.6	702.3	687.1
12.5°	849.7	829.1	808.5	786.8	766.2	744.6	722.9	707.7	692.5	677.4	662.2
15°	837.8	824.8	812.8	793.3	773.8	754.3	734.8	714.2	694.7	674.1	653.5
17.5°	828.0	824.8	821.5	808.5	795.5	781.4	768.4	747.8	727.2	705.6	685.0
20°	822.6	826.9	831.3	824.8	818.3	810.7	804.2	789.0	773.8	757.6	742.4
22.5°	829.1	845.4	860.5	861.6	863.8	864.9	866.0	851.9	837.8	822.6	808.5
25°	844.3	870.3	896.3	910.4	924.5	939.7	953.7	945.1	936.4	927.7	919.1
27.5°	864.9	897.4	929.9	950.5	970.0	990.6	1011.2	1010.1	1009.0	1006.8	1005.8
30°	861.6	886.5	911.5	936.4	961.3	986.3	1011.2	1024.2	1036.1	1049.1	1062.1
32.5°	880.0	900.6	922.3	948.3	974.3	1001.4	1027.4	1054.5	1080.5	1107.6	1134.7
35°	908.2	926.6	946.2	974.3	1003.6	1031.8	1061.0	1093.5	1127.1	1160.7	1193.3
37.5°	950.5	966.7	984.1	1007.9	1032.9	1056.7	1081.6	1129.3	1177.0	1225.8	1273.5
40°	999.3	1010.1	1020.9	1043.7	1066.5	1089.2	1112.0	1171.6	1231.2	1290.8	1350.4
42.5°	1069.7	1066.5	1063.2	1081.6	1101.1	1119.6	1139.1	1193.3	1247.4	1301.6	1355.8
45°	1144.5	1131.5	1118.5	1127.1	1136.9	1145.6	1155.3	1210.6	1265.9	1322.2	1377.5
47.5°	1234.4	1201.9	1169.4	1161.8	1154.2	1145.6	1138.0	1197.6	1257.2	1317.9	1377.5
50°	1336.3	1287.5	1239.9	1220.4	1199.8	1180.3	1159.7	1208.4	1258.3	1308.1	1356.9
52.5°	1442.5	1381.8	1322.2	1291.9	1261.5	1230.1	1199.8	1240.9	1283.2	1325.5	1366.7
55°	1533.6	1471.8	1408.9	1373.2	1337.4	1301.6	1265.9	1307.1	1348.2	1389.4	1430.6
57.5°	1606.2	1544.4	1482.6	1449.0	1414.4	1380.8	1346.1	1385.1	1425.2	1465.3	1504.3
60°	1656.0	1596.4	1536.8	1504.3	1471.8	1439.3	1406.8	1453.4	1500.0	1547.7	1594.3
62.5°	1630.0	1586.7	1543.3	1529.2	1515.1	1500.0	1485.9	1530.3	1573.7	1618.1	1662.5
65°	1534.7	1505.4	1476.1	1490.2	1505.4	1519.5	1534.7	1563.9	1593.2	1623.5	1652.8
67.5°	1379.7	1377.5	1374.3	1405.7	1437.1	1469.6	1501.1	1520.6	1539.0	1558.5	1578.0
70°	1157.5	1169.4	1180.3	1234.4	1288.6	1342.8	1397.0	1404.6	1412.2	1419.8	1427.4
72.5°	906.1	921.2	937.5	1009.0	1079.5	1151.0	1222.5	1218.2	1213.9	1208.4	1204.1
75°	713.1	727.2	742.4	808.5	874.6	940.7	1006.8	988.4	971.1	952.7	934.2
77.5°	569.0	584.2	600.4	662.2	724.0	786.8	848.6	804.2	759.7	715.3	670.9
80°	489.9	497.5	504.0	546.2	587.4	629.7	672.0	626.4	579.8	533.2	487.7
82.5°	402.1	397.8	394.5	419.4	444.4	469.3	494.2	450.9	407.5	363.1	319.7
85°	300.2	295.9	291.5	304.5	317.6	331.6	344.6	294.8	244.9	194.0	144.1
87.5°	174.5	178.8	183.2	197.3	211.3	226.5	240.6	189.7	138.7	86.7	35.8
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°	780.3	780.3
2.5°	810.7	805.3
5°	766.2	758.7
7.5°	717.5	707.7
10°	673.0	660.0
12.5°	644.9	628.6
15°	634.0	614.5
17.5°	666.5	648.1
20°	716.4	691.5
22.5°	777.1	746.7
25°	882.2	845.4
27.5°	967.8	929.9
30°	1020.9	979.8
32.5°	1079.5	1025.3
35°	1140.2	1088.1
37.5°	1213.9	1155.3
40°	1289.7	1229.0
42.5°	1315.7	1276.7
45°	1340.7	1303.8
47.5°	1346.1	1315.7
50°	1351.5	1347.2
52.5°	1366.7	1365.6
55°	1431.7	1432.8
57.5°	1511.9	1518.4
60°	1585.6	1578.0
62.5°	1623.5	1584.5
65°	1597.5	1543.3
67.5°	1519.5	1461.0
70°	1348.2	1269.1
72.5°	1134.7	1065.4
75°	874.6	816.1
77.5°	622.1	573.3
80°	437.9	389.1
82.5°	280.7	241.7
85°	126.8	110.5
87.5°	35.8	34.7
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

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

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)