

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P385497

Luminaire Tested: GAW-SA1A-735-U-SLR

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P385497
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GAW-SA1A-735-U-SLR
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4108 lumens
Efficiency: N/A
Efficacy: 120.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

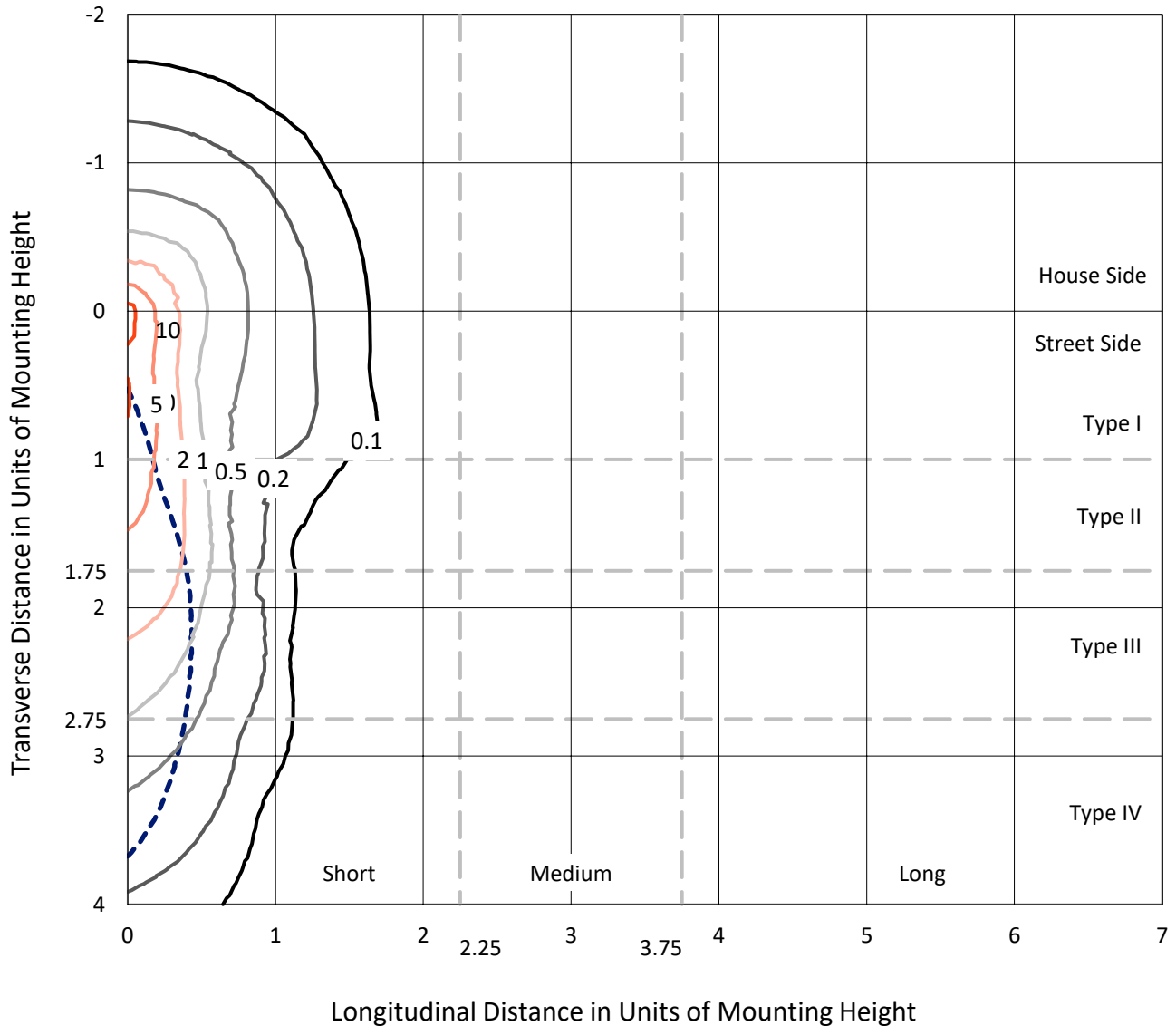
Input Watts (W): 34
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

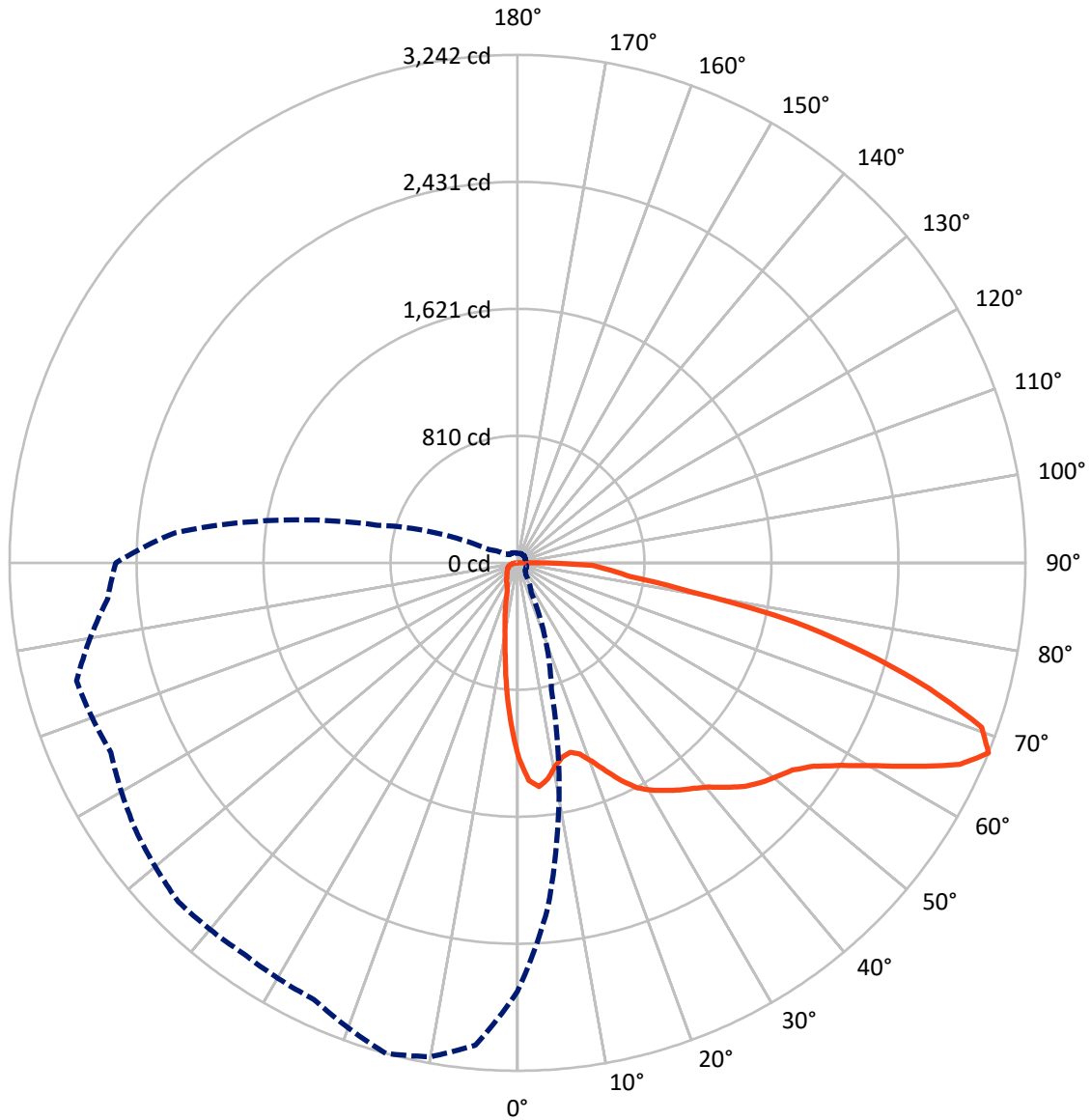
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.5 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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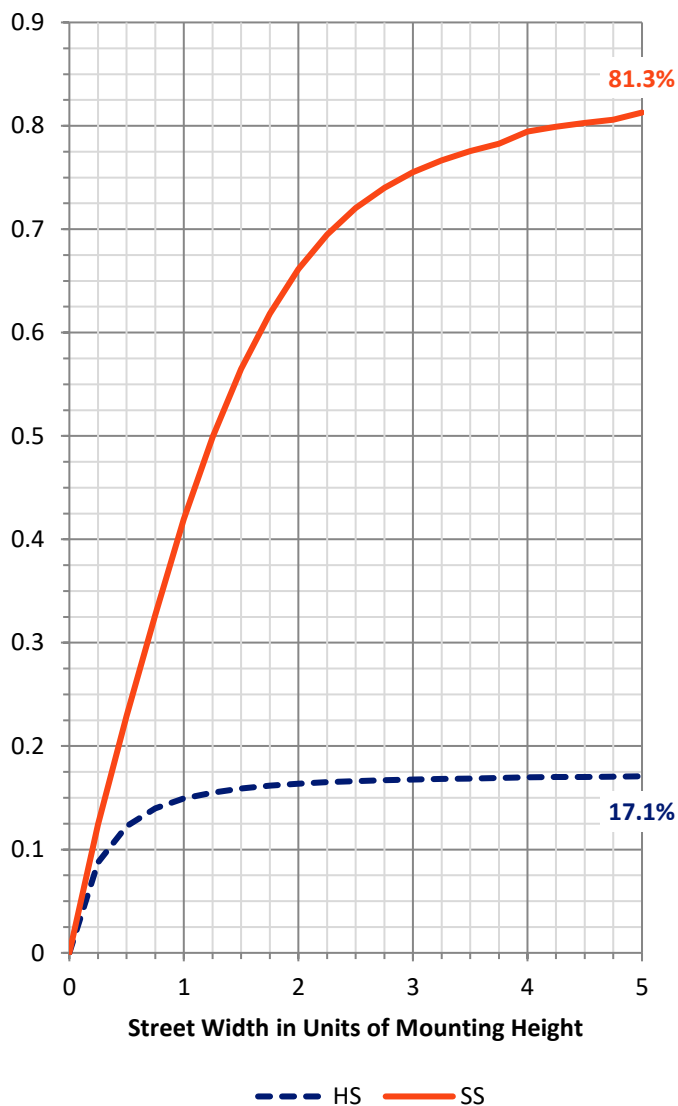
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	710.2	0.0	710.2
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	3397.8	0.0	3397.8
	% Fixture	82.7	0.0	82.7
Total	Lumens	4108.0	0.0	4108.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.6	2.4
10°-20°	200.7	4.9
20°-30°	285.4	6.9
30°-40°	411.2	10.0
40°-50°	579.5	14.1
50°-60°	805.6	19.6
60°-70°	974.3	23.7
70°-80°	598.9	14.6
80°-90°	155.8	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°	4108.0	100.0
0°-180°	4108.0	100.0

Coefficient of Utilization

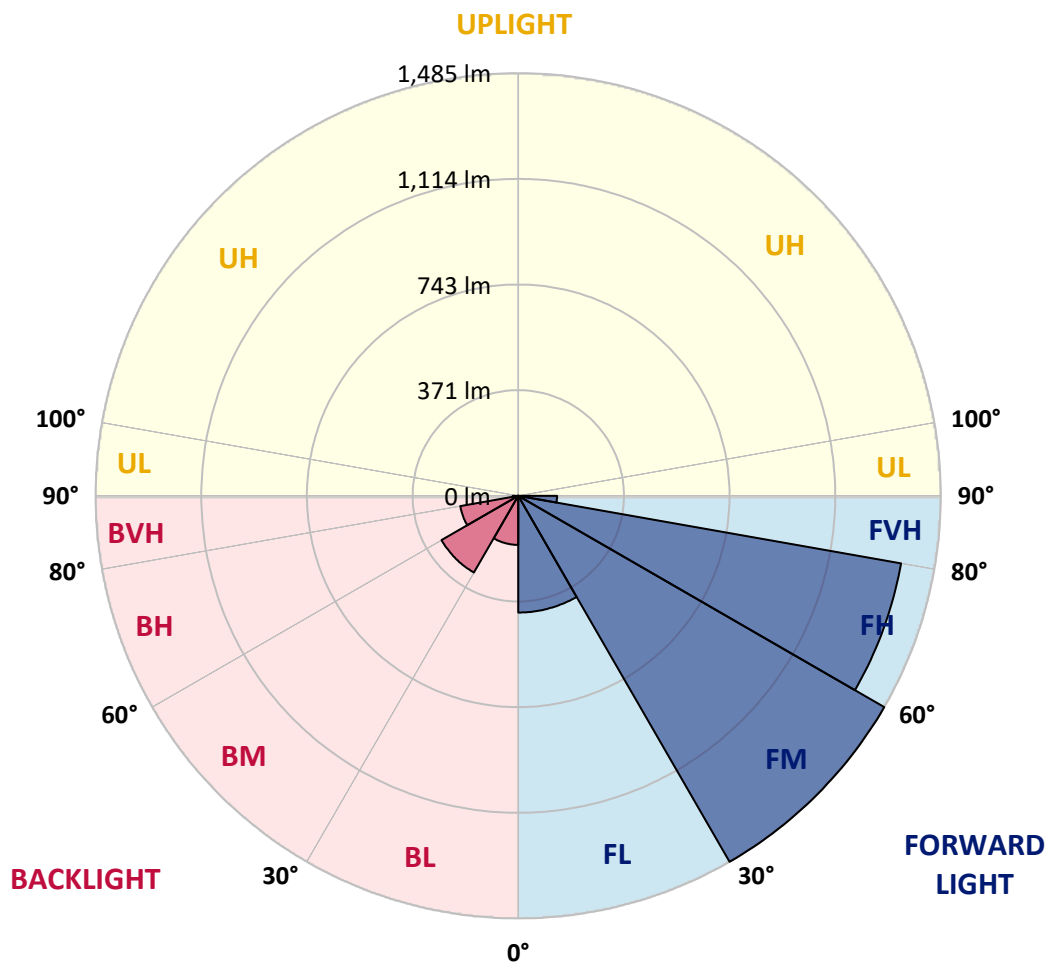


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	410.2	10.0			
FM	(30°-60°)	1485.1	36.2			
FH	(60°-80°)	1366.2	33.3			G1/1800
FVH	(80°-90°)	136.3	3.3			G2/225
BL	(0°-30°)	172.4	4.2	B1/500		
BM	(30°-60°)	311.3	7.6	B1/1000		
BH	(60°-80°)	207.0	5.0	B1/500		G1/500
BVH	(80°-90°)	19.5	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6
2.5°	1340.7	1328.9	1311.0	1293.1	1279.7	1266.3	1251.0	1235.8	1218.3	1200.7	1190.4
5°	1318.5	1285.7	1243.0	1200.3	1172.0	1143.8	1111.8	1079.7	1048.0	1016.3	999.2
7.5°	1218.7	1169.4	1113.9	1058.4	1017.3	976.1	931.8	887.3	847.8	808.3	783.7
10°	1120.4	1061.3	997.6	933.8	881.2	828.6	784.1	739.4	709.7	679.9	657.5
12.5°	1050.0	984.5	914.3	844.0	791.4	738.9	710.7	682.5	657.8	633.2	607.2
15°	1022.1	948.0	876.3	804.3	756.5	708.7	677.3	645.8	612.8	579.6	547.8
17.5°	1046.7	960.0	882.0	803.9	741.4	678.8	634.9	591.0	547.4	503.9	467.0
20°	1123.6	1012.9	910.9	808.7	725.5	642.2	583.4	524.5	468.6	412.8	370.9
22.5°	1231.5	1085.0	951.8	818.6	711.0	603.3	529.5	455.6	389.6	323.5	282.5
25°	1362.6	1180.5	1010.8	840.8	705.1	569.3	478.6	388.0	318.3	248.5	219.3
27.5°	1500.7	1294.6	1084.0	873.3	706.0	538.8	435.7	332.5	269.7	206.9	186.9
30°	1615.9	1424.8	1169.4	913.8	709.8	505.9	395.3	284.8	233.1	181.3	168.3
32.5°	1721.1	1515.6	1233.8	951.8	714.1	476.3	364.1	251.8	209.6	167.2	156.5
35°	1829.8	1596.2	1278.8	961.2	706.7	452.1	342.8	233.3	194.5	155.4	146.4
37.5°	1949.5	1683.5	1322.1	960.6	694.2	427.9	326.2	224.3	184.6	144.7	138.1
40°	2083.1	1779.9	1369.1	958.4	682.9	407.3	313.9	220.3	179.1	138.0	132.4
42.5°	2213.7	1871.8	1412.8	953.8	673.7	393.5	301.7	209.9	174.3	138.5	130.6
45°	2311.7	1952.2	1450.7	949.2	666.8	384.5	292.2	199.9	169.7	139.4	129.4
47.5°	2386.1	2032.8	1492.8	952.6	666.1	379.7	285.5	191.2	160.9	130.6	126.4
50°	2480.8	2129.7	1554.0	978.4	675.2	372.0	277.6	183.0	152.6	122.2	127.8
52.5°	2598.5	2268.0	1649.0	1029.8	694.1	358.4	265.1	171.8	142.4	112.8	121.6
55°	2771.4	2445.2	1770.4	1095.3	716.9	338.4	246.2	153.9	128.9	103.8	111.5
57.5°	2926.6	2624.3	1886.8	1149.2	731.2	313.0	222.4	131.7	113.9	95.9	100.3
60°	2995.7	2716.5	1941.4	1166.0	722.7	279.4	195.6	111.7	100.5	89.3	88.5
62.5°	2968.9	2657.9	1887.6	1117.3	681.0	244.5	172.0	99.4	91.0	82.5	80.6
65°	2890.0	2473.6	1737.2	1000.7	610.5	220.3	157.0	93.8	84.5	75.1	73.1
67.5°	2734.7	2211.3	1524.0	836.6	521.0	205.3	148.5	91.7	80.3	68.9	66.5
70°	2455.8	1895.7	1278.4	661.1	428.6	196.1	142.9	89.7	75.9	61.9	59.7
72.5°	2017.1	1519.8	1020.9	521.8	358.4	194.9	142.2	89.5	72.2	55.0	53.1
75°	1444.1	1154.4	779.3	404.0	293.5	183.0	135.0	87.1	67.4	47.4	45.7
77.5°	971.8	799.0	541.7	284.2	217.8	151.4	113.5	75.5	57.7	39.7	38.0
80°	624.1	553.0	363.0	172.9	141.3	109.5	81.2	52.7	42.1	31.2	29.7
82.5°	457.9	411.5	252.3	93.0	78.5	63.9	49.6	35.3	28.7	22.2	21.5
85°	291.0	320.9	185.7	50.6	41.4	32.2	26.6	21.0	16.6	12.1	12.1
87.5°	56.5	78.2	51.4	24.5	17.9	11.4	9.7	7.9	4.4	0.8	0.9
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°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6
2.5°	1179.9	1168.6	1157.2	1144.5	1131.5	1119.5	1107.4	1094.0	1096.5	1086.3	1076.1
5°	982.1	964.1	945.9	930.1	914.3	900.7	886.9	874.6	885.3	878.1	870.8
7.5°	759.1	736.8	714.3	695.4	676.6	661.9	647.1	636.9	647.4	646.1	644.8
10°	634.9	613.2	591.4	570.6	549.7	532.0	514.0	499.0	496.4	488.8	481.1
12.5°	581.1	551.3	521.5	499.7	477.8	456.5	435.4	417.7	409.6	397.2	384.5
15°	515.9	480.8	445.6	420.8	395.9	375.3	354.6	339.3	334.2	324.6	314.9
17.5°	430.0	391.5	353.1	328.0	302.7	286.2	269.7	259.5	259.5	256.7	253.9
20°	329.0	294.7	260.3	241.1	221.9	213.1	204.3	200.1	201.4	201.5	201.5
22.5°	241.2	220.3	199.2	191.5	183.7	180.5	177.4	175.6	176.2	176.4	176.6
25°	190.0	182.0	173.8	169.8	165.7	163.7	161.8	161.1	162.6	162.8	162.8
27.5°	166.8	162.0	156.9	154.3	151.8	151.0	150.1	149.0	150.5	150.5	150.3
30°	155.2	149.9	144.7	141.6	138.5	138.7	138.9	138.7	139.6	140.3	140.7
32.5°	145.7	140.6	135.5	132.4	129.1	128.6	128.1	127.8	129.9	131.0	132.2
35°	137.2	131.5	126.0	123.1	120.1	118.9	117.8	117.0	118.9	120.4	121.8
37.5°	131.4	125.7	119.8	117.0	113.9	112.5	111.0	110.0	110.8	111.5	112.2
40°	126.8	120.9	114.8	111.5	108.2	106.7	105.3	104.5	104.9	105.1	105.3
42.5°	122.5	116.8	111.0	107.4	103.6	101.8	100.0	99.0	99.4	99.7	99.9
45°	119.4	113.7	107.7	103.4	99.0	97.0	95.1	93.9	94.1	94.1	94.1
47.5°	122.4	113.9	105.4	100.5	95.4	93.1	90.8	89.7	89.3	89.1	88.7
50°	133.2	118.9	104.5	98.3	91.8	89.3	86.7	85.4	84.5	84.3	83.9
52.5°	130.1	117.8	105.3	97.2	89.1	86.0	83.1	81.0	80.1	79.7	79.2
55°	119.1	111.3	103.4	93.8	84.1	81.4	78.6	77.2	75.7	75.4	75.1
57.5°	104.6	101.5	98.4	88.5	78.6	76.2	73.6	72.6	71.3	71.3	71.1
60°	87.6	92.2	96.8	85.4	73.9	71.1	68.3	67.5	67.0	66.9	66.7
62.5°	78.6	86.2	93.7	81.6	69.5	66.5	63.6	62.6	62.4	62.6	62.6
65°	71.1	73.5	75.7	70.2	64.5	61.6	58.4	57.5	57.8	58.3	58.8
67.5°	64.3	63.7	63.2	61.2	59.1	56.6	54.0	53.1	53.2	53.8	54.5
70°	57.7	57.0	56.2	54.7	53.2	51.1	48.9	48.3	48.1	48.9	49.6
72.5°	51.1	50.3	49.3	48.1	46.8	45.0	43.2	42.7	42.8	43.4	43.9
75°	43.9	43.2	42.4	41.4	40.2	38.6	36.9	36.6	36.9	37.5	38.0
77.5°	36.0	35.8	35.5	34.7	33.8	32.0	30.1	29.9	30.3	30.9	31.2
80°	28.1	28.3	28.4	27.7	27.1	25.2	23.0	22.8	23.3	23.9	24.3
82.5°	20.7	21.2	21.5	20.7	19.9	17.6	15.3	14.9	16.6	17.1	17.6
85°	12.0	12.7	13.3	12.7	12.0	9.7	7.4	7.2	8.7	9.5	10.3
87.5°	0.9	1.3	1.6	1.5	1.3	0.7	0.0	0.0	0.2	0.8	1.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
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: P385497
 CATALOG NUMBER: GAW-SA1A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6
2.5°	1069.7	1063.3	1061.3	1059.4	1052.1	1044.7	1052.3	1059.7	1062.8	1065.9	1057.9
5°	869.8	868.7	868.7	868.5	861.9	855.2	860.3	865.2	854.2	843.2	842.1
7.5°	651.8	658.9	664.7	670.3	668.1	666.0	670.7	675.5	661.5	647.4	640.6
10°	482.7	484.2	490.5	496.7	498.2	499.5	505.4	511.1	500.3	489.4	484.6
12.5°	376.6	368.7	369.6	370.2	373.1	375.9	382.1	388.3	383.8	379.2	379.7
15°	305.0	295.0	290.8	286.6	289.9	293.2	297.6	301.9	302.0	302.0	306.3
17.5°	249.0	243.9	239.8	235.5	239.9	244.2	244.7	245.2	245.4	245.6	245.2
20°	203.9	206.5	205.2	203.8	205.4	206.9	208.3	209.4	207.9	206.3	202.2
22.5°	178.9	181.0	182.6	184.1	186.9	189.6	188.3	186.8	183.7	180.6	177.5
25°	164.2	165.7	167.4	169.0	171.3	173.4	171.2	168.8	166.7	164.6	162.4
27.5°	151.9	153.4	154.9	156.2	158.3	160.3	158.2	156.0	154.2	152.4	150.8
30°	141.9	142.9	144.0	145.2	147.2	149.0	147.2	145.2	143.9	142.4	141.3
32.5°	133.4	134.3	134.8	135.4	137.2	138.9	137.6	136.3	135.2	134.1	133.2
35°	124.0	126.0	126.3	126.6	128.4	130.2	129.4	128.4	127.1	125.8	124.4
37.5°	114.5	116.8	118.1	119.2	121.1	122.9	122.0	121.2	119.4	117.6	115.0
40°	106.4	107.4	109.9	112.2	115.2	117.9	116.3	114.5	111.7	108.9	107.6
42.5°	99.7	99.6	101.8	104.1	108.6	112.8	109.9	106.9	104.3	101.6	101.4
45°	93.8	93.3	94.4	95.6	100.3	104.9	102.0	98.9	97.4	95.9	95.9
47.5°	88.5	88.2	89.1	89.7	92.6	95.4	93.9	92.4	91.7	90.8	91.0
50°	83.8	83.4	84.3	84.9	86.0	87.1	87.4	87.6	87.1	86.5	86.9
52.5°	79.3	79.3	79.7	79.8	81.3	82.8	82.8	82.6	82.6	82.6	82.9
55°	75.5	75.9	75.9	75.9	78.2	80.3	79.7	79.0	79.2	79.2	79.5
57.5°	71.8	72.2	72.6	72.9	75.2	77.5	76.8	76.2	76.2	76.2	76.4
60°	67.5	68.2	68.9	69.5	71.8	74.1	73.5	72.6	72.8	72.9	73.1
62.5°	63.4	64.1	64.7	65.4	67.6	70.0	69.3	68.5	69.0	69.3	69.3
65°	59.5	59.9	60.6	61.2	63.4	65.6	64.9	64.3	64.9	65.4	65.7
67.5°	55.0	55.3	56.0	56.6	58.8	61.0	60.3	59.5	60.3	61.0	61.6
70°	50.0	50.3	51.1	51.8	53.8	56.0	55.1	54.4	55.1	56.0	56.6
72.5°	44.3	44.7	45.5	46.1	48.7	51.1	50.1	49.1	50.1	51.1	51.4
75°	38.2	38.6	39.5	40.4	42.8	45.4	44.5	43.5	44.3	45.2	45.4
77.5°	31.7	32.2	33.5	34.9	36.8	38.8	38.2	37.8	38.2	38.8	38.8
80°	24.8	25.3	27.0	28.4	29.6	30.7	30.9	31.0	31.2	31.4	31.2
82.5°	18.4	19.1	20.6	22.0	22.0	22.0	23.3	24.5	24.5	24.3	24.1
85°	11.4	12.1	13.4	14.7	14.0	13.2	15.3	17.3	17.3	17.1	16.7
87.5°	2.3	3.1	4.4	5.5	4.8	3.9	6.1	8.2	8.4	8.4	8.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
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: P385497
 CATALOG NUMBER: GAW-SA1A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6
2.5°	1049.7	1062.5	1075.1	1078.4	1083.3	1085.5	1087.4	1103.5	1119.5	1138.2	1157.0
5°	840.8	850.2	859.8	861.2	866.4	869.0	871.7	891.2	910.6	936.7	962.8
7.5°	633.6	636.0	638.2	637.9	642.2	647.9	653.5	674.4	695.1	723.1	751.0
10°	479.9	485.2	490.3	495.1	504.4	515.3	525.9	547.3	568.6	596.3	623.9
12.5°	380.2	386.3	392.2	397.5	408.3	422.7	437.0	462.7	488.3	521.5	554.5
15°	310.4	309.9	309.4	313.0	322.6	338.4	354.0	381.0	408.2	444.6	480.9
17.5°	244.9	242.5	239.9	242.7	251.7	264.6	277.4	300.4	323.2	358.6	393.9
20°	198.1	196.4	194.8	197.5	203.0	208.5	213.8	230.4	246.9	275.6	304.2
22.5°	174.3	174.1	173.8	175.3	177.8	180.6	183.3	191.4	199.2	217.8	236.2
25°	160.3	160.2	160.0	160.6	162.8	164.9	167.0	172.3	177.5	186.4	195.3
27.5°	149.2	148.8	148.5	148.6	149.2	152.4	155.6	158.0	160.3	166.4	172.3
30°	140.1	140.0	139.8	139.8	139.3	140.4	141.6	145.3	149.0	155.2	161.5
32.5°	132.4	131.5	130.8	128.9	127.8	129.4	131.0	135.0	138.9	144.7	150.5
35°	122.7	120.5	118.3	117.2	117.4	119.1	120.7	124.7	128.4	134.7	140.7
37.5°	112.2	111.5	110.7	110.6	111.0	112.6	114.3	117.8	121.1	127.3	133.4
40°	106.2	106.0	105.6	105.3	105.6	107.3	108.9	112.2	115.3	121.4	127.3
42.5°	101.0	100.9	100.7	100.7	100.9	102.7	104.5	107.7	110.8	116.3	121.7
45°	95.9	96.1	96.1	96.4	96.9	98.7	100.3	104.0	107.6	112.8	118.1
47.5°	91.1	91.7	92.0	92.8	93.3	95.3	97.0	101.0	104.9	111.5	117.9
50°	87.1	87.6	87.8	88.5	89.8	92.2	94.4	99.2	103.8	114.8	125.7
52.5°	83.2	83.8	84.3	84.9	86.5	89.1	91.8	97.7	103.4	116.3	129.1
55°	79.8	80.3	80.6	81.6	83.2	85.6	87.7	95.0	102.1	111.5	120.9
57.5°	76.6	77.0	77.3	78.0	78.8	81.3	83.6	91.3	99.0	105.6	112.0
60°	73.1	73.5	73.6	73.6	74.2	77.0	79.8	89.7	99.4	98.3	96.9
62.5°	69.3	69.6	69.8	69.3	70.2	73.1	76.0	88.9	101.6	93.8	85.9
65°	65.9	65.7	65.6	65.0	66.0	69.0	71.8	78.2	84.5	81.4	78.3
67.5°	62.1	61.6	61.1	60.4	61.4	64.1	66.5	68.7	70.8	71.1	71.5
70°	57.3	56.6	56.0	55.8	56.4	58.4	60.6	62.1	63.4	64.1	64.5
72.5°	51.8	51.2	50.7	50.4	50.6	52.4	54.0	55.3	56.6	57.1	57.5
75°	45.5	45.5	45.4	44.3	44.3	45.8	47.2	48.3	49.4	50.1	50.7
77.5°	38.8	38.9	38.9	37.6	37.5	38.9	40.2	41.2	42.1	42.7	43.2
80°	31.0	30.7	30.3	29.6	29.2	31.0	32.7	33.5	34.2	34.3	34.3
82.5°	23.9	23.2	22.4	20.6	20.7	22.6	24.5	25.2	25.7	25.7	25.7
85°	16.3	14.9	13.4	12.0	12.1	14.3	16.3	16.9	17.6	17.9	18.0
87.5°	7.7	6.4	4.9	3.8	3.8	5.5	7.2	7.5	7.9	8.5	9.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385497
 CATALOG NUMBER: GAW-SA1A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
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: P385497
 CATALOG NUMBER: GAW-SA1A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6
2.5°	1171.2	1185.3	1200.0	1214.5	1231.4	1248.1	1267.6	1287.0	1303.6	1320.1	1333.9
5°	985.3	1007.8	1034.3	1060.7	1094.3	1128.0	1169.3	1210.3	1247.0	1283.6	1326.0
7.5°	780.4	809.8	844.2	878.7	922.2	965.7	1019.1	1072.5	1124.3	1175.8	1241.1
10°	654.7	685.4	719.4	753.2	797.5	841.7	898.2	954.6	1012.8	1070.7	1144.6
12.5°	588.6	622.6	652.5	682.5	718.4	754.2	808.9	863.6	931.9	1000.1	1071.2
15°	518.2	555.3	591.1	627.0	666.1	705.3	758.5	811.6	886.4	961.2	1042.9
17.5°	433.0	472.0	515.7	559.2	610.5	661.5	729.7	797.9	886.4	974.8	1071.2
20°	344.1	384.0	436.3	488.5	552.2	615.8	704.1	792.5	911.7	1030.8	1153.8
22.5°	271.5	306.6	363.6	420.5	494.0	567.6	681.0	794.1	950.0	1105.7	1271.8
25°	220.1	244.9	300.9	356.7	441.6	526.5	666.8	806.9	1005.6	1204.2	1410.2
27.5°	188.5	204.8	257.0	309.1	401.9	494.5	661.1	827.4	1076.3	1325.1	1560.8
30°	172.8	184.1	228.3	272.3	366.6	460.9	654.2	847.5	1144.3	1440.9	1678.5
32.5°	159.6	168.7	206.5	244.1	336.0	428.0	640.9	853.5	1191.7	1529.9	1778.3
35°	148.5	156.0	188.9	221.7	312.1	402.4	618.5	834.7	1221.5	1608.2	1882.1
37.5°	139.4	145.3	175.8	206.1	291.4	376.6	593.0	809.6	1247.9	1686.3	1998.8
40°	132.4	137.4	165.9	194.3	271.7	349.0	571.2	793.3	1284.3	1775.5	2122.2
42.5°	128.4	135.0	157.3	179.5	253.0	326.3	553.7	781.0	1318.2	1855.3	2230.0
45°	127.5	136.8	152.9	169.0	239.0	309.0	538.1	767.0	1340.0	1913.1	2311.4
47.5°	125.8	133.5	149.5	165.4	232.0	298.6	529.7	760.6	1361.9	1963.1	2378.9
50°	126.8	127.8	146.6	165.4	231.1	296.8	539.2	781.7	1409.2	2036.6	2456.0
52.5°	125.0	120.7	141.4	162.1	230.9	299.8	566.6	833.5	1497.0	2160.4	2539.7
55°	115.5	109.9	131.5	153.2	227.5	301.5	599.3	896.9	1615.0	2332.9	2690.0
57.5°	107.1	102.0	120.4	138.7	217.0	295.3	633.0	970.5	1739.7	2508.7	2859.3
60°	95.9	94.8	107.9	121.1	200.7	280.2	660.8	1041.1	1823.5	2605.5	2924.5
62.5°	86.7	87.4	97.0	106.7	180.4	253.7	670.0	1085.9	1821.1	2556.3	2858.8
65°	79.7	80.8	90.4	99.9	162.9	226.0	639.7	1053.2	1729.0	2404.5	2728.8
67.5°	72.8	74.1	85.4	96.6	147.5	198.2	564.2	929.9	1563.2	2196.4	2563.6
70°	66.2	67.8	80.1	92.4	136.3	180.0	466.8	753.6	1355.8	1957.9	2372.3
72.5°	59.1	60.8	73.9	87.1	129.3	171.3	380.5	589.7	1100.2	1610.7	2029.2
75°	51.9	53.1	67.4	81.4	119.6	157.6	298.6	439.4	842.1	1244.8	1532.7
77.5°	44.7	46.1	58.1	70.0	101.5	132.8	225.0	317.1	617.8	918.4	1065.9
80°	35.6	36.9	45.5	53.8	78.3	102.7	154.7	206.8	425.3	643.7	726.8
82.5°	27.2	28.7	34.5	40.1	55.8	71.6	93.8	115.9	282.5	448.8	455.8
85°	18.7	19.3	23.3	27.2	34.5	41.7	53.7	65.7	186.9	308.1	256.7
87.5°	9.4	9.4	12.1	14.9	18.6	22.2	28.4	34.5	59.7	85.1	48.9
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: P385497
 CATALOG NUMBER: GAW-SA1A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
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: P385497

CATALOG NUMBER: GAW-SA1A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6
2.5°	1351.5	1363.5	1375.6	1384.9	1394.2	1407.7	1421.2	1423.7	1426.3	1421.0	1415.8
5°	1369.0	1405.2	1441.7	1475.4	1509.0	1529.2	1549.4	1553.6	1557.7	1545.0	1532.2
7.5°	1304.4	1367.7	1430.9	1488.8	1546.8	1581.9	1617.3	1625.2	1633.2	1612.6	1591.8
10°	1218.2	1295.9	1373.6	1450.0	1526.3	1577.3	1628.4	1638.7	1648.8	1623.0	1597.3
12.5°	1151.5	1234.5	1317.4	1397.8	1478.5	1531.4	1584.3	1596.9	1609.6	1590.9	1572.0
15°	1130.9	1209.0	1287.0	1357.1	1427.4	1470.6	1514.0	1519.1	1524.4	1521.3	1518.4
17.5°	1168.2	1238.7	1309.3	1347.5	1385.7	1403.0	1420.4	1425.9	1431.7	1439.1	1446.7
20°	1258.6	1308.2	1358.0	1356.3	1354.5	1346.2	1337.6	1336.1	1334.6	1355.8	1377.2
22.5°	1393.4	1413.1	1433.0	1386.8	1340.7	1312.6	1284.3	1278.8	1273.1	1295.5	1318.2
25°	1539.8	1536.2	1532.3	1444.5	1356.5	1302.9	1249.4	1243.1	1236.9	1256.2	1275.5
27.5°	1684.6	1660.9	1637.4	1518.0	1398.5	1320.8	1243.1	1236.9	1230.7	1247.7	1264.8
30°	1790.9	1752.9	1715.1	1579.9	1444.7	1352.4	1260.1	1249.9	1239.5	1260.6	1281.6
32.5°	1873.8	1822.9	1772.0	1630.1	1488.2	1388.3	1288.5	1272.5	1256.6	1284.7	1312.8
35°	1956.6	1885.0	1813.2	1674.9	1536.5	1430.9	1325.1	1305.6	1286.0	1324.6	1363.2
37.5°	2060.7	1957.9	1854.9	1725.4	1595.7	1494.6	1393.2	1373.2	1353.2	1402.3	1451.6
40°	2173.8	2036.6	1899.5	1780.5	1661.6	1582.8	1503.8	1484.7	1465.5	1525.3	1585.1
42.5°	2267.7	2109.9	1952.0	1847.0	1741.9	1686.4	1630.8	1630.6	1630.2	1690.9	1751.5
45°	2344.1	2170.9	1997.7	1911.9	1826.0	1797.2	1768.2	1791.4	1814.5	1869.2	1924.1
47.5°	2401.1	2222.2	2043.2	1986.2	1929.1	1933.5	1937.7	1984.8	2032.0	2067.1	2102.5
50°	2438.2	2268.6	2099.0	2081.4	2063.8	2102.2	2140.6	2194.6	2248.8	2272.8	2296.7
52.5°	2492.2	2331.8	2171.1	2190.9	2210.5	2288.7	2366.9	2421.6	2476.2	2485.2	2494.2
55°	2617.2	2447.7	2278.0	2315.8	2353.7	2468.4	2583.2	2625.9	2668.6	2671.9	2675.2
57.5°	2794.7	2610.1	2425.5	2466.3	2507.0	2639.3	2771.9	2817.9	2864.0	2857.6	2851.1
60°	2927.6	2764.4	2600.9	2642.0	2683.1	2812.2	2941.2	2994.1	3047.2	3033.0	3018.9
62.5°	2935.8	2848.6	2761.3	2798.4	2835.7	2962.1	3088.5	3142.9	3197.3	3172.6	3148.0
65°	2805.2	2844.3	2883.5	2895.8	2908.1	3026.0	3144.1	3185.7	3227.4	3214.9	3202.4
67.5°	2625.4	2769.4	2913.6	2888.8	2864.0	2919.4	2974.8	3017.6	3060.5	3053.4	3046.2
70°	2445.9	2638.2	2830.6	2708.6	2586.6	2563.8	2541.0	2587.1	2633.5	2604.8	2576.1
72.5°	2140.2	2345.2	2550.4	2325.8	2101.3	2023.3	1945.3	2003.9	2062.5	2017.1	1971.4
75°	1680.0	1906.5	2133.2	1865.3	1597.4	1493.3	1389.2	1439.6	1490.0	1458.8	1427.4
77.5°	1250.7	1473.9	1697.1	1424.8	1152.4	1074.9	997.4	1012.4	1027.5	1022.2	1016.8
80°	848.3	1003.8	1159.6	978.2	796.9	802.8	808.9	801.9	794.6	805.2	815.6
82.5°	541.4	661.4	781.7	685.4	589.1	644.3	699.5	672.4	645.2	655.1	665.4
85°	309.0	426.4	544.0	507.0	469.9	502.1	534.4	492.4	450.3	468.8	487.3
87.5°	81.4	235.9	390.4	354.4	318.5	276.7	235.0	179.3	123.7	180.6	237.7
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: P385497
 CATALOG NUMBER: GAW-SA1A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
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):

	330°	335°	340°	345°	350°	355°	360°
0°	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6	1251.6
2.5°	1412.9	1410.2	1400.2	1390.0	1374.9	1362.4	1340.7
5°	1514.5	1496.7	1466.2	1435.5	1401.3	1362.0	1318.5
7.5°	1550.5	1508.9	1450.2	1391.4	1338.5	1276.4	1218.7
10°	1535.2	1472.9	1396.7	1320.3	1256.2	1184.7	1120.4
12.5°	1505.9	1439.7	1355.8	1271.8	1198.7	1121.9	1050.0
15°	1465.7	1412.8	1334.1	1255.5	1181.9	1107.4	1022.1
17.5°	1421.7	1396.5	1339.8	1282.7	1219.0	1146.7	1046.7
20°	1386.2	1395.4	1372.7	1350.1	1299.0	1236.0	1123.6
22.5°	1362.2	1406.4	1423.8	1441.4	1410.7	1361.4	1231.5
25°	1348.8	1422.0	1480.3	1538.8	1525.1	1487.2	1362.6
27.5°	1354.7	1444.5	1535.0	1625.6	1638.3	1627.8	1500.7
30°	1372.4	1463.4	1573.6	1684.0	1734.4	1748.5	1615.9
32.5°	1402.0	1491.2	1611.2	1731.4	1807.7	1852.7	1721.1
35°	1446.7	1530.1	1655.2	1780.3	1878.9	1961.1	1829.8
37.5°	1523.3	1595.1	1710.5	1826.2	1953.9	2077.3	1949.5
40°	1635.7	1686.4	1784.0	1881.7	2042.5	2209.1	2083.1
42.5°	1777.4	1803.5	1880.9	1958.3	2135.0	2328.7	2213.7
45°	1931.0	1937.9	1986.5	2035.3	2208.2	2410.1	2311.7
47.5°	2078.8	2055.1	2074.6	2093.9	2264.4	2468.3	2386.1
50°	2230.9	2165.0	2154.9	2144.6	2320.6	2536.7	2480.8
52.5°	2385.6	2277.1	2236.8	2196.4	2387.6	2627.6	2598.5
55°	2537.0	2398.9	2344.7	2290.5	2490.1	2738.4	2771.4
57.5°	2694.6	2538.1	2487.8	2437.5	2640.6	2878.9	2926.6
60°	2864.0	2709.0	2668.7	2628.3	2828.0	3030.6	2995.7
62.5°	3024.8	2901.7	2880.5	2859.1	3017.2	3147.2	2968.9
65°	3132.2	3062.0	3081.7	3101.5	3160.5	3176.3	2890.0
67.5°	3060.5	3074.7	3158.1	3241.5	3200.9	3089.9	2734.7
70°	2661.7	2747.4	2944.7	3142.1	3052.1	2858.5	2455.8
72.5°	2067.6	2164.1	2456.9	2749.9	2666.9	2429.8	2017.1
75°	1536.2	1645.1	1968.3	2291.5	2176.4	1817.5	1444.1
77.5°	1089.7	1162.7	1481.8	1801.1	1613.3	1209.8	971.8
80°	793.3	771.0	948.8	1126.7	1095.5	800.2	624.1
82.5°	610.8	556.3	640.0	723.8	719.2	555.3	457.9
85°	465.5	443.6	517.7	591.7	528.4	376.1	291.0
87.5°	271.3	305.1	392.4	479.7	360.0	114.1	56.5
90°	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
95°	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
100°	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
105°	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
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	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
117.5°	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
122.5°	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
127.5°	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
132.5°	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
137.5°	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
142.5°	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
147.5°	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
152.5°	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
157.5°	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
162.5°	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
167.5°	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
172.5°	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
177.5°	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

(END OF REPORT)