

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: P385581

Luminaire Tested: GAW-SA1A-827-U-SLR

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P385581
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-827-U-SLR
Description: GALLEON WALL LUMINAIRE
(1) 80 CRI, 2700K, 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: 3215 lumens
Efficiency: N/A
Efficacy: 94.6 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

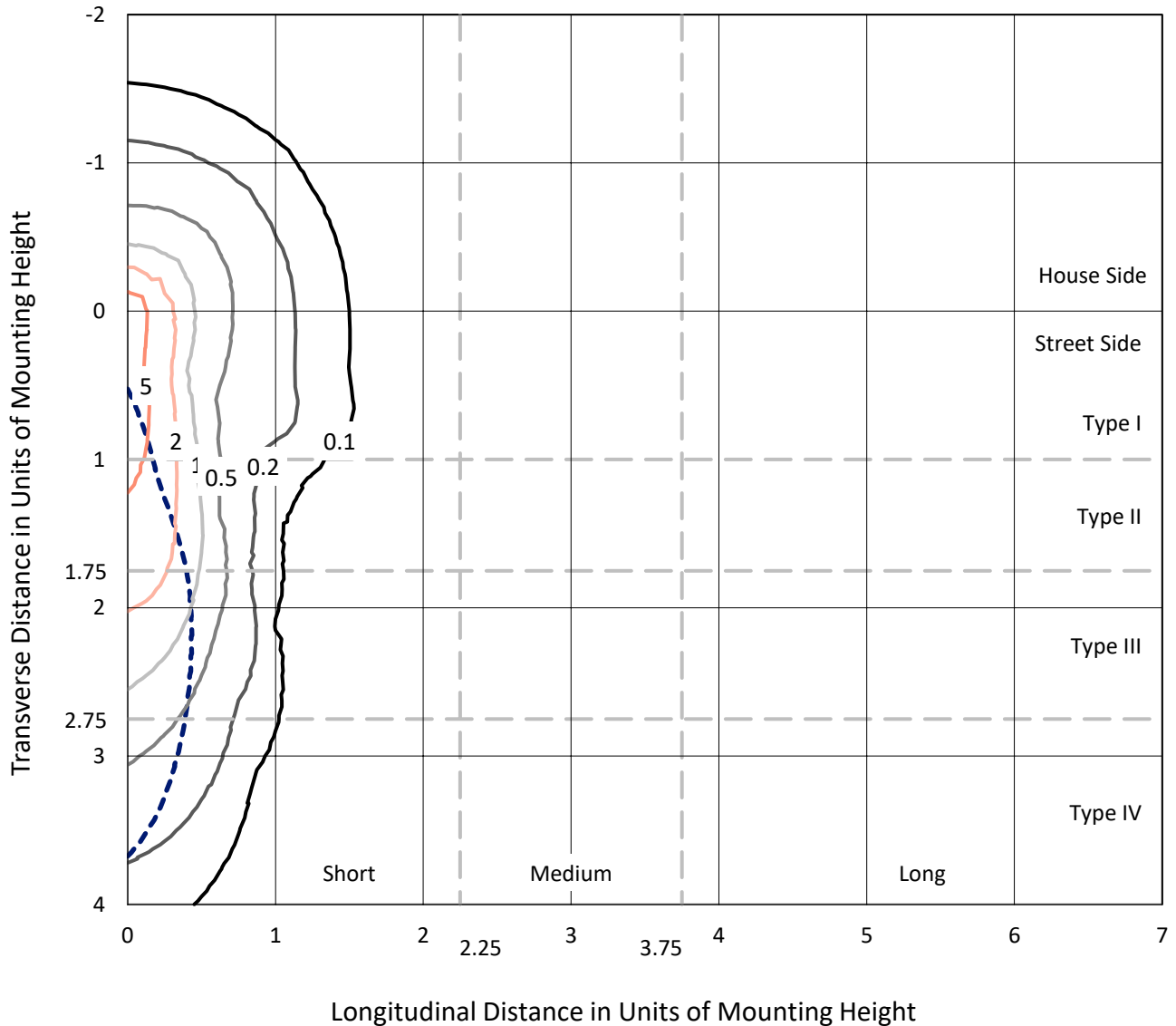
Input Watts (W): 34
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

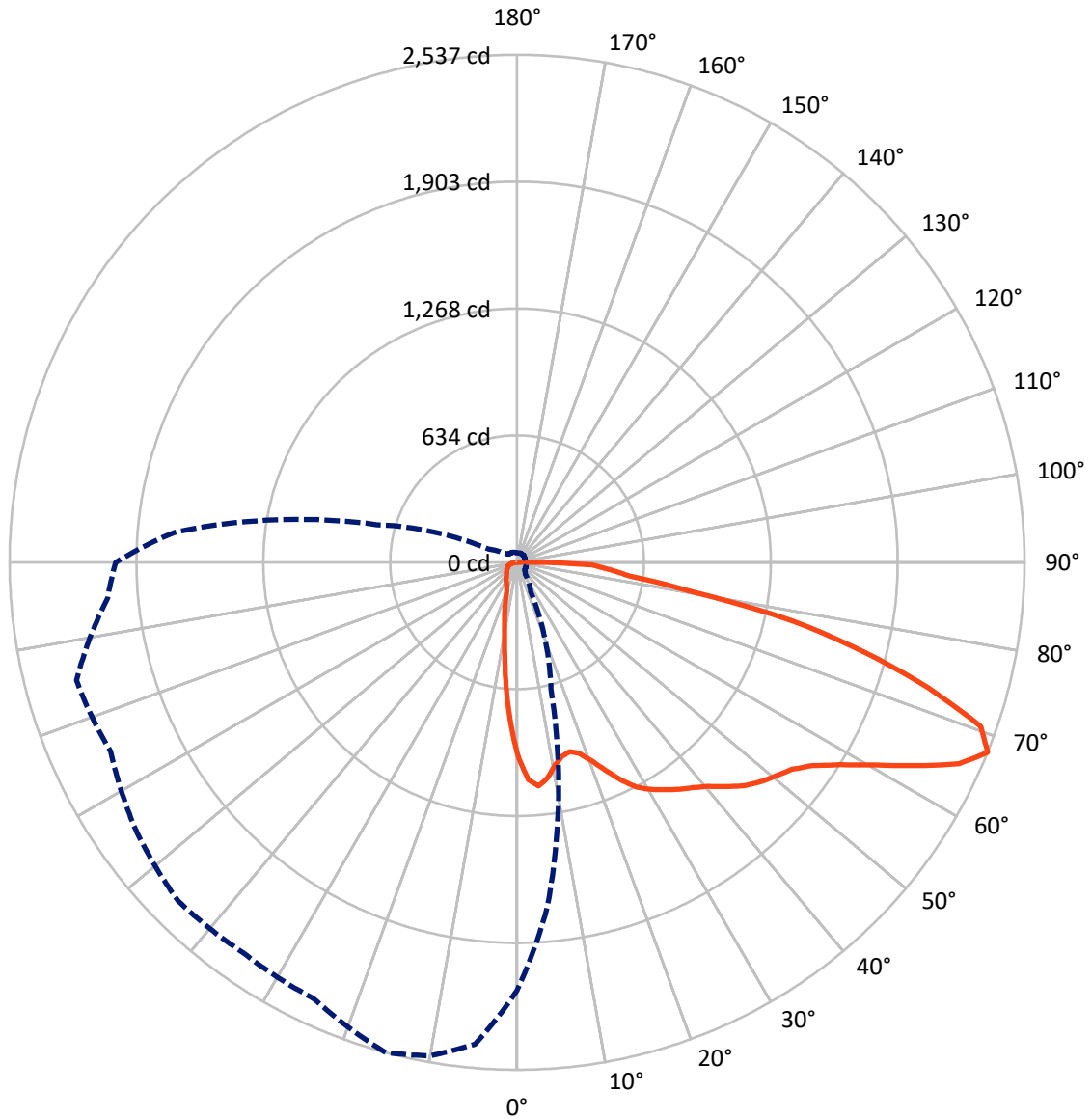
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.8 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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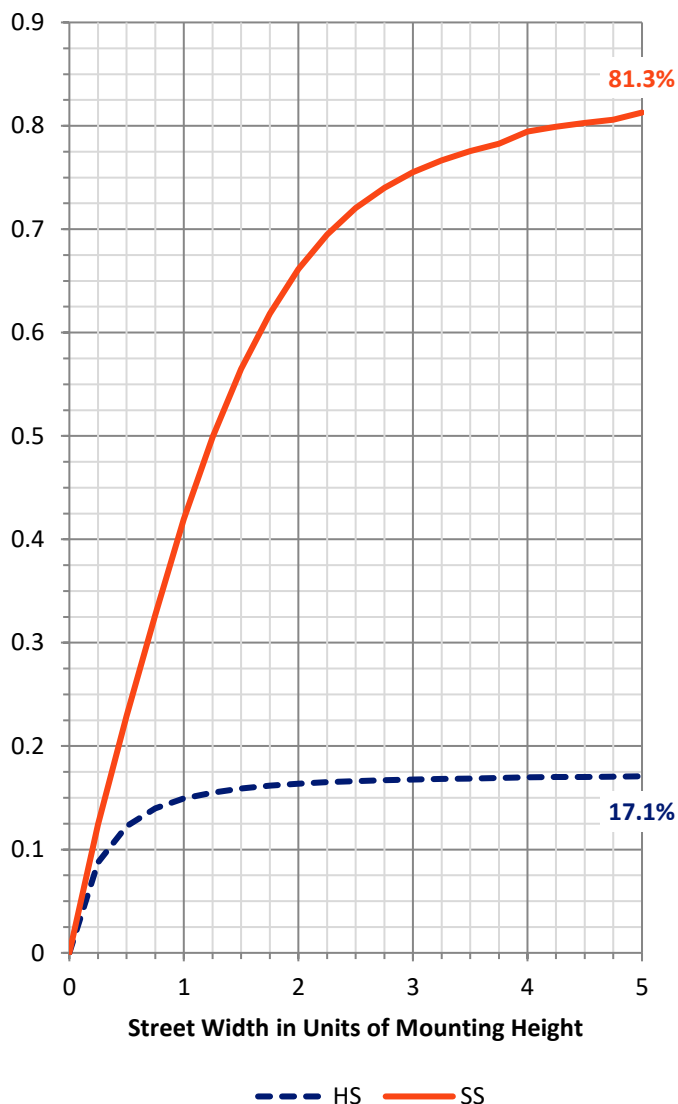
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	555.8	0.0	555.8
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	2659.2	0.0	2659.2
	% Fixture	82.7	0.0	82.7
Total	Lumens	3215.0	0.0	3215.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.6	2.4
10°-20°	157.0	4.9
20°-30°	223.3	6.9
30°-40°	321.8	10.0
40°-50°	453.6	14.1
50°-60°	630.5	19.6
60°-70°	762.5	23.7
70°-80°	468.7	14.6
80°-90°	122.0	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°	3215.0	100.0
0°-180°	3215.0	100.0

Coefficient of Utilization

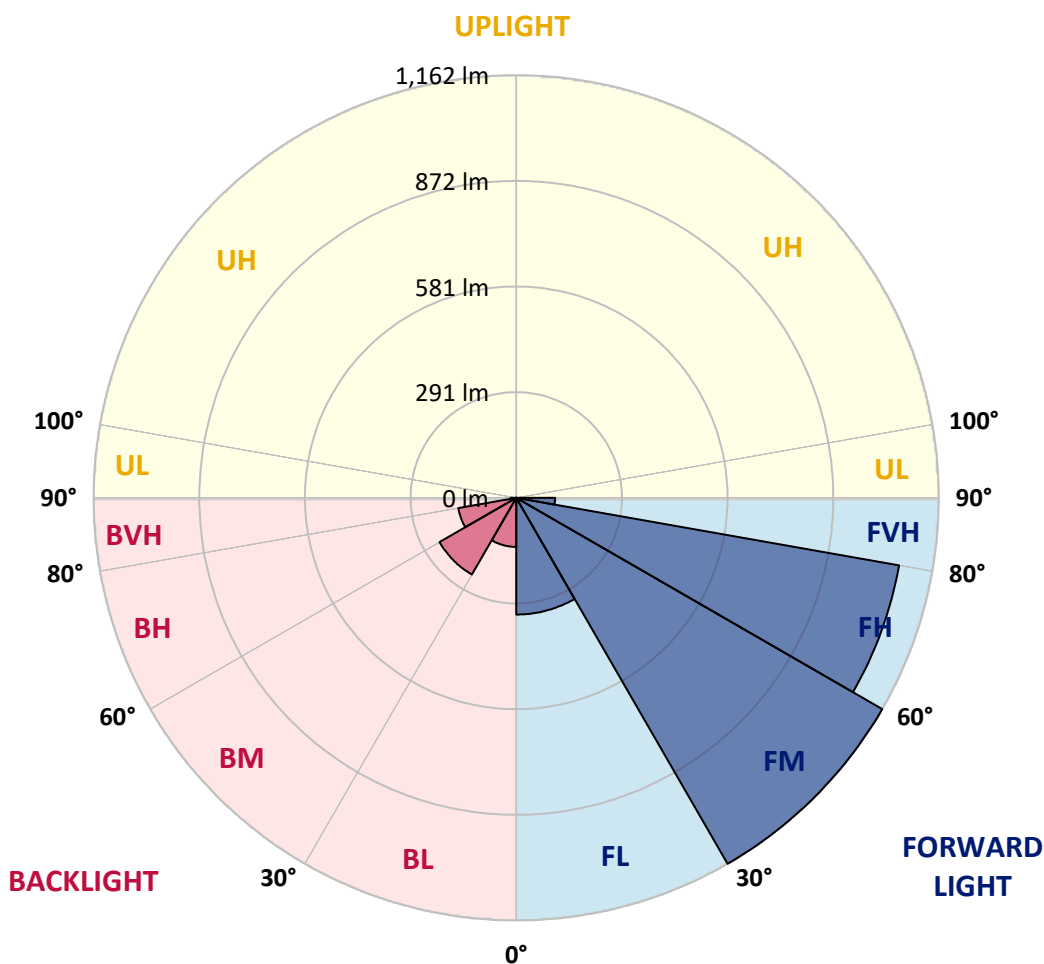


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	321.0	10.0			
FM (30°-60°)	1162.3	36.2			
FH (60°-80°)	1069.2	33.3			G1/1800
FVH (80°-90°)	106.7	3.3			G2/225
BL (0°-30°)	134.9	4.2	B1/500		
BM (30°-60°)	243.6	7.6	B1/1000		
BH (60°-80°)	162.0	5.0	B1/500		G1/500
BVH (80°-90°)	15.3	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5
2.5°	1049.3	1040.0	1026.0	1012.0	1001.6	991.0	979.1	967.1	953.5	939.8	931.7
5°	1031.9	1006.2	972.8	939.4	917.3	895.2	870.1	845.0	820.2	795.4	782.0
7.5°	953.8	915.2	871.8	828.3	796.2	763.9	729.2	694.4	663.5	632.5	613.4
10°	876.9	830.6	780.7	730.7	689.6	648.5	613.6	578.7	555.4	532.2	514.5
12.5°	821.8	770.5	715.6	660.6	619.4	578.3	556.2	534.1	514.8	495.5	475.2
15°	799.9	741.9	685.8	629.5	592.1	554.6	530.1	505.4	479.6	453.6	428.7
17.5°	819.2	751.3	690.3	629.2	580.2	531.3	496.9	462.5	428.4	394.4	365.4
20°	879.3	792.7	712.9	632.9	567.8	502.6	456.6	410.4	366.7	323.0	290.2
22.5°	963.8	849.1	744.9	640.6	556.4	472.1	414.4	356.6	304.9	253.2	221.1
25°	1066.4	923.9	791.0	658.0	551.8	445.5	374.6	303.6	249.1	194.5	171.6
27.5°	1174.5	1013.1	848.4	683.4	552.6	421.7	341.0	260.2	211.1	162.0	146.3
30°	1264.6	1115.1	915.2	715.2	555.5	395.9	309.4	222.9	182.4	141.9	131.8
32.5°	1347.0	1186.2	965.6	744.9	558.9	372.8	285.0	197.1	164.0	130.9	122.5
35°	1432.1	1249.3	1000.8	752.2	553.1	353.9	268.3	182.7	152.2	121.6	114.5
37.5°	1525.8	1317.5	1034.7	751.8	543.3	334.8	255.3	175.6	144.5	113.2	108.1
40°	1630.3	1393.0	1071.5	750.0	534.5	318.8	245.6	172.4	140.2	108.0	103.6
42.5°	1732.5	1465.0	1105.7	746.4	527.3	308.0	236.1	164.3	136.4	108.4	102.2
45°	1809.2	1527.8	1135.4	742.8	521.9	300.9	228.7	156.4	132.8	109.1	101.3
47.5°	1867.4	1590.9	1168.3	745.5	521.4	297.2	223.4	149.6	126.0	102.2	99.0
50°	1941.5	1666.8	1216.2	765.7	528.4	291.1	217.2	143.2	119.4	95.6	100.0
52.5°	2033.6	1775.0	1290.5	805.9	543.2	280.5	207.5	134.5	111.4	88.3	95.1
55°	2169.0	1913.7	1385.5	857.2	561.1	264.8	192.7	120.4	100.9	81.2	87.3
57.5°	2290.4	2053.8	1476.7	899.4	572.3	245.0	174.0	103.1	89.1	75.1	78.5
60°	2344.6	2126.0	1519.3	912.5	565.6	218.6	153.1	87.4	78.7	69.9	69.3
62.5°	2323.5	2080.2	1477.3	874.5	532.9	191.4	134.6	77.8	71.2	64.5	63.1
65°	2261.8	1935.9	1359.6	783.2	477.8	172.4	122.9	73.4	66.1	58.7	57.2
67.5°	2140.2	1730.7	1192.7	654.8	407.7	160.7	116.2	71.7	62.9	53.9	52.1
70°	1921.9	1483.6	1000.6	517.4	335.5	153.5	111.8	70.2	59.4	48.5	46.8
72.5°	1578.6	1189.5	799.0	408.4	280.5	152.6	111.3	70.1	56.6	43.1	41.5
75°	1130.2	903.5	609.9	316.2	229.7	143.2	105.7	68.1	52.7	37.1	35.7
77.5°	760.6	625.3	423.9	222.4	170.4	118.5	88.8	59.1	45.1	31.1	29.7
80°	488.5	432.8	284.1	135.4	110.5	85.7	63.5	41.3	32.9	24.4	23.3
82.5°	358.4	322.1	197.4	72.8	61.4	50.0	38.8	27.6	22.5	17.4	16.8
85°	227.8	251.2	145.4	39.6	32.4	25.2	20.8	16.5	13.0	9.5	9.5
87.5°	44.2	61.2	40.2	19.2	14.0	8.9	7.6	6.2	3.5	0.6	0.8
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):

	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°	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5
2.5°	923.4	914.6	905.7	895.7	885.5	876.1	866.6	856.2	858.1	850.2	842.2
5°	768.7	754.5	740.3	727.9	715.6	704.9	694.1	684.5	692.8	687.2	681.5
7.5°	594.1	576.6	559.0	544.2	529.5	518.0	506.4	498.5	506.7	505.7	504.6
10°	496.9	480.0	462.9	446.5	430.2	416.3	402.3	390.5	388.4	382.5	376.5
12.5°	454.8	431.5	408.1	391.0	373.9	357.3	340.8	326.9	320.6	310.8	300.9
15°	403.7	376.2	348.7	329.3	309.8	293.7	277.5	265.6	261.6	254.0	246.4
17.5°	336.5	306.4	276.4	256.7	236.9	224.0	211.1	203.1	203.1	200.9	198.7
20°	257.5	230.6	203.7	188.7	173.7	166.8	159.9	156.6	157.6	157.7	157.7
22.5°	188.8	172.4	155.9	149.9	143.7	141.3	138.8	137.4	137.9	138.1	138.2
25°	148.7	142.4	136.0	132.9	129.7	128.2	126.6	126.1	127.3	127.4	127.4
27.5°	130.6	126.7	122.8	120.8	118.8	118.1	117.5	116.6	117.7	117.7	117.6
30°	121.5	117.4	113.2	110.8	108.4	108.6	108.7	108.5	109.3	109.8	110.2
32.5°	114.0	110.0	106.0	103.6	101.0	100.6	100.3	100.0	101.7	102.6	103.5
35°	107.3	103.0	98.6	96.3	94.0	93.1	92.2	91.5	93.1	94.2	95.4
37.5°	102.8	98.3	93.7	91.5	89.2	88.0	86.9	86.1	86.8	87.3	87.8
40°	99.2	94.6	89.8	87.3	84.7	83.6	82.4	81.8	82.1	82.3	82.4
42.5°	95.9	91.4	86.9	84.1	81.1	79.7	78.3	77.5	77.8	78.0	78.2
45°	93.4	88.9	84.3	81.0	77.5	76.0	74.4	73.5	73.7	73.7	73.7
47.5°	95.8	89.2	82.5	78.7	74.7	72.9	71.1	70.2	69.9	69.7	69.4
50°	104.2	93.1	81.8	76.9	71.9	69.9	67.9	66.8	66.2	65.9	65.7
52.5°	101.8	92.2	82.4	76.1	69.7	67.4	65.0	63.4	62.7	62.3	62.0
55°	93.2	87.1	81.0	73.4	65.8	63.8	61.6	60.4	59.3	59.0	58.7
57.5°	81.9	79.4	77.0	69.3	61.6	59.6	57.6	56.8	55.8	55.8	55.7
60°	68.5	72.1	75.7	66.8	57.8	55.7	53.5	52.8	52.4	52.3	52.2
62.5°	61.6	67.5	73.3	63.9	54.4	52.1	49.7	49.0	48.8	49.0	49.0
65°	55.7	57.5	59.3	54.9	50.5	48.2	45.8	45.0	45.2	45.6	46.0
67.5°	50.3	49.9	49.5	47.9	46.3	44.3	42.3	41.5	41.6	42.2	42.7
70°	45.1	44.6	44.0	42.8	41.6	40.0	38.3	37.8	37.7	38.3	38.8
72.5°	40.0	39.3	38.6	37.7	36.6	35.2	33.8	33.4	33.5	33.9	34.3
75°	34.3	33.8	33.2	32.4	31.5	30.2	28.9	28.7	28.9	29.3	29.7
77.5°	28.2	28.0	27.8	27.1	26.5	25.1	23.5	23.4	23.8	24.2	24.4
80°	22.0	22.1	22.2	21.7	21.2	19.7	18.0	17.9	18.3	18.6	19.0
82.5°	16.2	16.6	16.8	16.2	15.6	13.8	12.0	11.7	13.0	13.4	13.8
85°	9.4	9.9	10.4	9.9	9.4	7.6	5.8	5.7	6.8	7.5	8.1
87.5°	0.8	1.0	1.3	1.2	1.0	0.5	0.0	0.0	0.1	0.6	1.2
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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 CATALOG NUMBER: GAW-SA1A-827-U-SLR

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: P385581
 CATALOG NUMBER: GAW-SA1A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5
2.5°	837.2	832.2	830.6	829.1	823.4	817.6	823.6	829.3	831.8	834.2	827.9
5°	680.7	679.8	679.8	679.7	674.6	669.3	673.3	677.1	668.5	659.9	659.0
7.5°	510.2	515.7	520.2	524.6	522.9	521.2	525.0	528.7	517.8	506.7	501.3
10°	377.8	378.9	383.8	388.7	389.9	390.9	395.5	400.0	391.5	383.0	379.3
12.5°	294.7	288.6	289.2	289.7	292.0	294.2	299.1	303.9	300.4	296.8	297.2
15°	238.7	230.9	227.6	224.3	226.9	229.4	232.9	236.3	236.4	236.4	239.7
17.5°	194.9	190.9	187.7	184.3	187.8	191.1	191.5	191.9	192.0	192.2	191.9
20°	159.6	161.6	160.5	159.5	160.8	162.0	163.0	163.9	162.7	161.4	158.2
22.5°	140.0	141.7	142.9	144.1	146.3	148.3	147.3	146.1	143.8	141.4	139.0
25°	128.5	129.7	131.0	132.3	134.1	135.7	133.9	132.1	130.5	128.8	127.1
27.5°	118.9	120.1	121.2	122.2	123.9	125.5	123.8	122.1	120.7	119.3	118.0
30°	111.1	111.8	112.7	113.6	115.2	116.6	115.2	113.6	112.6	111.4	110.5
32.5°	104.4	105.1	105.5	105.9	107.3	108.7	107.7	106.7	105.8	104.9	104.2
35°	97.0	98.6	98.8	99.1	100.5	101.9	101.3	100.5	99.5	98.5	97.3
37.5°	89.6	91.4	92.4	93.3	94.7	96.1	95.5	94.9	93.4	92.0	90.0
40°	83.3	84.1	86.0	87.8	90.1	92.3	91.0	89.6	87.4	85.2	84.2
42.5°	78.0	77.9	79.7	81.5	85.0	88.3	86.0	83.7	81.6	79.6	79.3
45°	73.4	73.0	73.9	74.8	78.5	82.1	79.8	77.4	76.2	75.1	75.1
47.5°	69.3	69.0	69.7	70.2	72.5	74.7	73.5	72.4	71.7	71.1	71.2
50°	65.6	65.3	65.9	66.5	67.4	68.1	68.4	68.5	68.1	67.7	68.0
52.5°	62.1	62.1	62.3	62.5	63.6	64.8	64.8	64.7	64.7	64.7	64.9
55°	59.1	59.4	59.4	59.4	61.2	62.9	62.3	61.8	62.0	62.0	62.2
57.5°	56.2	56.6	56.8	57.1	58.9	60.7	60.2	59.6	59.6	59.6	59.8
60°	52.8	53.3	53.9	54.4	56.2	58.0	57.5	56.8	56.9	57.1	57.2
62.5°	49.6	50.1	50.6	51.2	53.0	54.8	54.2	53.6	54.0	54.2	54.2
65°	46.5	46.9	47.4	47.9	49.6	51.3	50.8	50.3	50.8	51.2	51.4
67.5°	43.1	43.3	43.8	44.3	46.0	47.7	47.2	46.5	47.2	47.7	48.2
70°	39.1	39.3	40.0	40.5	42.2	43.8	43.2	42.5	43.2	43.8	44.3
72.5°	34.7	35.0	35.6	36.1	38.0	40.0	39.2	38.4	39.2	40.0	40.2
75°	29.9	30.2	31.0	31.6	33.5	35.5	34.8	34.1	34.7	35.3	35.5
77.5°	24.8	25.2	26.2	27.3	28.8	30.3	29.9	29.6	29.9	30.3	30.3
80°	19.4	19.8	21.1	22.2	23.1	24.0	24.2	24.3	24.4	24.6	24.4
82.5°	14.4	14.9	16.1	17.2	17.2	17.2	18.3	19.2	19.2	19.0	18.9
85°	8.9	9.5	10.5	11.6	10.9	10.3	12.0	13.5	13.5	13.4	13.1
87.5°	1.8	2.4	3.5	4.4	3.7	3.1	4.8	6.4	6.6	6.6	6.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385581
 CATALOG NUMBER: GAW-SA1A-827-U-SLR

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: P385581
 CATALOG NUMBER: GAW-SA1A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5
2.5°	821.5	831.5	841.4	844.0	847.8	849.5	851.1	863.7	876.1	890.8	905.4
5°	658.0	665.4	672.9	674.1	678.0	680.1	682.2	697.5	712.6	733.1	753.5
7.5°	495.9	497.7	499.5	499.2	502.6	507.1	511.5	527.8	544.0	566.0	587.8
10°	375.6	379.7	383.7	387.4	394.7	403.2	411.6	428.3	445.0	466.7	488.3
12.5°	297.6	302.3	307.0	311.1	319.5	330.9	342.0	362.1	382.1	408.1	433.9
15°	242.9	242.6	242.2	245.0	252.5	264.8	277.0	298.2	319.4	348.0	376.4
17.5°	191.7	189.7	187.8	190.0	196.9	207.1	217.1	235.1	253.0	280.6	308.2
20°	155.0	153.7	152.4	154.5	158.9	163.1	167.4	180.3	193.2	215.7	238.1
22.5°	136.4	136.3	136.0	137.2	139.2	141.4	143.5	149.7	155.9	170.4	184.8
25°	125.5	125.3	125.2	125.7	127.4	129.1	130.7	134.8	139.0	145.9	152.8
27.5°	116.7	116.5	116.2	116.3	116.7	119.3	121.7	123.7	125.5	130.2	134.8
30°	109.6	109.5	109.4	109.4	109.0	109.9	110.8	113.8	116.6	121.5	126.4
32.5°	103.6	103.0	102.3	100.9	100.0	101.3	102.6	105.7	108.7	113.2	117.7
35°	96.0	94.3	92.5	91.8	91.9	93.2	94.5	97.6	100.5	105.4	110.2
37.5°	87.8	87.3	86.6	86.5	86.9	88.2	89.5	92.2	94.7	99.6	104.4
40°	83.2	82.9	82.7	82.4	82.7	83.9	85.2	87.8	90.2	95.0	99.6
42.5°	79.1	78.9	78.8	78.8	78.9	80.3	81.8	84.3	86.8	91.0	95.2
45°	75.1	75.2	75.2	75.5	75.8	77.3	78.5	81.4	84.2	88.3	92.4
47.5°	71.3	71.7	72.0	72.6	73.0	74.6	76.0	79.1	82.1	87.3	92.3
50°	68.1	68.5	68.8	69.3	70.3	72.1	73.9	77.6	81.2	89.8	98.3
52.5°	65.2	65.6	65.9	66.5	67.7	69.8	71.9	76.5	81.0	91.0	101.0
55°	62.5	62.9	63.1	63.9	65.2	67.0	68.6	74.3	80.0	87.3	94.6
57.5°	59.9	60.3	60.5	61.1	61.7	63.6	65.4	71.5	77.5	82.7	87.7
60°	57.2	57.5	57.6	57.6	58.1	60.3	62.5	70.2	77.8	76.9	75.8
62.5°	54.2	54.5	54.6	54.2	54.9	57.2	59.5	69.5	79.6	73.4	67.2
65°	51.5	51.4	51.3	50.9	51.7	54.0	56.2	61.2	66.2	63.8	61.3
67.5°	48.6	48.2	47.8	47.3	48.1	50.1	52.1	53.7	55.4	55.7	55.9
70°	44.9	44.3	43.8	43.7	44.1	45.8	47.4	48.6	49.6	50.1	50.5
72.5°	40.5	40.1	39.7	39.5	39.6	41.0	42.3	43.3	44.3	44.7	45.0
75°	35.6	35.6	35.5	34.7	34.7	35.9	36.9	37.8	38.7	39.2	39.7
77.5°	30.3	30.5	30.5	29.4	29.3	30.5	31.5	32.3	32.9	33.4	33.8
80°	24.3	24.0	23.8	23.1	22.9	24.3	25.6	26.2	26.7	26.9	26.9
82.5°	18.6	18.1	17.5	16.1	16.2	17.7	19.2	19.7	20.2	20.2	20.2
85°	12.7	11.7	10.5	9.4	9.5	11.2	12.7	13.2	13.8	14.0	14.1
87.5°	6.0	5.0	3.9	3.0	3.0	4.4	5.7	5.9	6.2	6.7	7.2
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: P385581
 CATALOG NUMBER: GAW-SA1A-827-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: P385581
 CATALOG NUMBER: GAW-SA1A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5
2.5°	916.6	927.7	939.1	950.6	963.7	976.8	992.1	1007.2	1020.2	1033.2	1044.0
5°	771.1	788.7	809.4	830.1	856.5	882.8	915.1	947.2	975.9	1004.5	1037.8
7.5°	610.8	633.7	660.7	687.7	721.8	755.8	797.6	839.4	879.9	920.2	971.4
10°	512.4	536.4	563.0	589.5	624.2	658.8	703.0	747.1	792.6	837.9	895.8
12.5°	460.7	487.3	510.7	534.1	562.2	590.3	633.1	675.9	729.3	782.7	838.3
15°	405.5	434.6	462.6	490.6	521.4	551.9	593.6	635.2	693.7	752.2	816.2
17.5°	338.8	369.4	403.6	437.7	477.8	517.8	571.1	624.4	693.7	762.9	838.3
20°	269.3	300.5	341.4	382.3	432.2	481.9	551.0	620.2	713.5	806.7	903.0
22.5°	212.5	240.0	284.6	329.1	386.6	444.2	532.9	621.5	743.5	865.3	995.3
25°	172.2	191.7	235.5	279.2	345.6	412.1	521.9	631.5	787.0	942.5	1103.6
27.5°	147.6	160.3	201.2	241.9	314.5	387.0	517.4	647.6	842.3	1037.1	1221.5
30°	135.2	144.1	178.7	213.1	286.9	360.7	512.0	663.3	895.5	1127.7	1313.7
32.5°	124.9	132.0	161.6	191.0	263.0	335.0	501.6	668.0	932.7	1197.3	1391.7
35°	116.2	122.1	147.8	173.5	244.2	314.9	484.1	653.2	955.9	1258.7	1472.9
37.5°	109.1	113.8	137.5	161.3	228.0	294.7	464.2	633.6	976.6	1319.7	1564.3
40°	103.6	107.6	129.8	152.1	212.6	273.1	447.1	620.8	1005.2	1389.5	1660.9
42.5°	100.5	105.7	123.1	140.5	198.0	255.4	433.3	611.2	1031.7	1452.0	1745.3
45°	99.7	107.1	119.7	132.3	187.0	241.8	421.1	600.3	1048.8	1497.2	1808.9
47.5°	98.5	104.5	117.0	129.4	181.6	233.7	414.5	595.3	1065.9	1536.3	1861.8
50°	99.2	100.0	114.8	129.4	180.9	232.3	422.0	611.7	1102.9	1593.9	1922.2
52.5°	97.8	94.5	110.7	126.9	180.7	234.6	443.5	652.3	1171.6	1690.8	1987.6
55°	90.4	86.0	103.0	119.9	178.0	236.0	469.0	702.0	1263.9	1825.8	2105.2
57.5°	83.8	79.8	94.2	108.5	169.8	231.1	495.4	759.5	1361.5	1963.3	2237.7
60°	75.1	74.2	84.5	94.7	157.1	219.3	517.1	814.8	1427.0	2039.2	2288.8
62.5°	67.9	68.4	76.0	83.6	141.1	198.6	524.3	849.9	1425.2	2000.6	2237.4
65°	62.3	63.2	70.7	78.2	127.5	176.9	500.7	824.3	1353.1	1881.8	2135.7
67.5°	56.9	58.0	66.8	75.6	115.4	155.1	441.5	727.8	1223.4	1719.0	2006.4
70°	51.8	53.1	62.7	72.4	106.7	140.9	365.3	589.7	1061.1	1532.3	1856.6
72.5°	46.3	47.6	57.8	68.1	101.2	134.1	297.8	461.5	861.1	1260.6	1588.1
75°	40.6	41.5	52.7	63.8	93.6	123.4	233.7	343.8	659.0	974.2	1199.5
77.5°	35.0	36.1	45.5	54.8	79.4	104.0	176.1	248.2	483.6	718.8	834.2
80°	27.9	28.9	35.6	42.2	61.3	80.3	121.1	161.8	332.8	503.7	568.8
82.5°	21.3	22.5	27.0	31.4	43.7	56.0	73.4	90.7	221.1	351.3	356.7
85°	14.7	15.0	18.3	21.3	27.0	32.6	42.0	51.4	146.3	241.1	200.9
87.5°	7.3	7.3	9.5	11.7	14.5	17.4	22.2	27.0	46.8	66.6	38.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385581
 CATALOG NUMBER: GAW-SA1A-827-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: P385581

CATALOG NUMBER: GAW-SA1A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5	979.5
2.5°	1057.8	1067.1	1076.6	1083.8	1091.2	1101.7	1112.3	1114.2	1116.2	1112.1	1108.0
5°	1071.4	1099.8	1128.3	1154.7	1181.0	1196.8	1212.6	1215.9	1219.1	1209.2	1199.1
7.5°	1020.9	1070.3	1119.8	1165.2	1210.6	1238.1	1265.7	1271.9	1278.2	1262.0	1245.8
10°	953.4	1014.2	1075.0	1134.7	1194.5	1234.5	1274.5	1282.4	1290.4	1270.2	1250.0
12.5°	901.2	966.1	1031.0	1094.0	1157.1	1198.5	1239.9	1249.8	1259.7	1245.0	1230.3
15°	885.1	946.2	1007.2	1062.1	1117.1	1150.9	1184.9	1188.9	1193.0	1190.7	1188.3
17.5°	914.3	969.4	1024.7	1054.5	1084.5	1098.0	1111.6	1116.0	1120.5	1126.3	1132.2
20°	985.0	1023.8	1062.8	1061.5	1060.1	1053.5	1046.8	1045.7	1044.5	1061.1	1077.8
22.5°	1090.5	1106.0	1121.5	1085.4	1049.3	1027.3	1005.2	1000.8	996.3	1013.9	1031.7
25°	1205.1	1202.2	1199.3	1130.5	1061.6	1019.7	977.8	972.9	968.0	983.1	998.2
27.5°	1318.4	1299.9	1281.4	1188.0	1094.5	1033.7	972.9	968.0	963.1	976.5	989.9
30°	1401.6	1371.9	1342.2	1236.4	1130.6	1058.4	986.2	978.2	970.1	986.5	1003.0
32.5°	1466.5	1426.7	1386.8	1275.8	1164.7	1086.5	1008.4	995.9	983.5	1005.4	1027.4
35°	1531.3	1475.2	1419.1	1310.8	1202.5	1119.8	1037.1	1021.8	1006.5	1036.7	1066.9
37.5°	1612.8	1532.3	1451.7	1350.3	1248.9	1169.7	1090.4	1074.7	1059.0	1097.5	1136.0
40°	1701.2	1593.9	1486.6	1393.5	1300.4	1238.7	1176.9	1162.0	1147.0	1193.7	1240.5
42.5°	1774.7	1651.2	1527.7	1445.6	1363.3	1319.8	1276.3	1276.1	1275.9	1323.3	1370.7
45°	1834.5	1699.0	1563.4	1496.3	1429.1	1406.5	1383.9	1402.0	1420.1	1462.9	1505.8
47.5°	1879.1	1739.1	1599.0	1554.4	1509.8	1513.2	1516.5	1553.4	1590.3	1617.8	1645.4
50°	1908.2	1775.5	1642.7	1629.0	1615.2	1645.2	1675.3	1717.5	1760.0	1778.7	1797.5
52.5°	1950.5	1824.9	1699.2	1714.6	1730.0	1791.2	1852.4	1895.2	1938.0	1944.9	1952.0
55°	2048.3	1915.6	1782.8	1812.4	1842.1	1931.8	2021.7	2055.1	2088.5	2091.1	2093.7
57.5°	2187.2	2042.8	1898.3	1930.2	1962.0	2065.6	2169.4	2205.4	2241.5	2236.5	2231.3
60°	2291.2	2163.5	2035.6	2067.7	2099.8	2200.9	2301.9	2343.3	2384.8	2373.7	2362.7
62.5°	2297.6	2229.4	2161.0	2190.1	2219.2	2318.2	2417.2	2459.7	2502.3	2483.0	2463.7
65°	2195.5	2226.0	2256.6	2266.3	2275.9	2368.2	2460.6	2493.2	2525.8	2516.0	2506.3
67.5°	2054.7	2167.4	2280.3	2260.9	2241.5	2284.8	2328.1	2361.7	2395.2	2389.7	2384.0
70°	1914.2	2064.7	2215.3	2119.9	2024.4	2006.5	1988.6	2024.8	2061.0	2038.6	2016.1
72.5°	1675.0	1835.4	1996.0	1820.2	1644.5	1583.5	1522.4	1568.3	1614.2	1578.6	1542.9
75°	1314.8	1492.1	1669.5	1459.8	1250.2	1168.7	1087.2	1126.6	1166.1	1141.7	1117.1
77.5°	978.8	1153.5	1328.2	1115.1	901.8	841.3	780.6	792.3	804.1	800.0	795.8
80°	663.9	785.6	907.5	765.6	623.7	628.3	633.1	627.5	621.9	630.1	638.3
82.5°	423.7	517.6	611.7	536.4	461.1	504.3	547.5	526.2	504.9	512.7	520.7
85°	241.8	333.7	425.7	396.8	367.8	392.9	418.3	385.4	352.5	366.9	381.4
87.5°	63.8	184.6	305.5	277.4	249.2	216.6	183.9	140.4	96.8	141.4	186.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385581
 CATALOG NUMBER: GAW-SA1A-827-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°	979.5	979.5	979.5	979.5	979.5	979.5	979.5
2.5°	1105.8	1103.6	1095.8	1087.8	1076.0	1066.2	1049.3
5°	1185.3	1171.4	1147.5	1123.4	1096.7	1066.0	1031.9
7.5°	1213.4	1180.9	1135.0	1089.0	1047.6	999.0	953.8
10°	1201.5	1152.7	1093.1	1033.3	983.1	927.2	876.9
12.5°	1178.6	1126.8	1061.1	995.3	938.1	878.1	821.8
15°	1147.1	1105.7	1044.1	982.6	925.0	866.6	799.9
17.5°	1112.6	1093.0	1048.5	1003.9	954.0	897.5	819.2
20°	1084.9	1092.1	1074.3	1056.6	1016.6	967.3	879.3
22.5°	1066.1	1100.7	1114.3	1128.1	1104.0	1065.5	963.8
25°	1055.6	1112.9	1158.5	1204.3	1193.6	1163.9	1066.4
27.5°	1060.2	1130.5	1201.3	1272.3	1282.2	1274.0	1174.5
30°	1074.1	1145.3	1231.5	1317.9	1357.4	1368.4	1264.6
32.5°	1097.2	1167.0	1261.0	1355.1	1414.7	1449.9	1347.0
35°	1132.2	1197.5	1295.4	1393.4	1470.5	1534.8	1432.1
37.5°	1192.2	1248.4	1338.7	1429.2	1529.2	1625.8	1525.8
40°	1280.1	1319.8	1396.2	1472.7	1598.5	1728.9	1630.3
42.5°	1391.1	1411.5	1472.0	1532.6	1670.9	1822.4	1732.5
45°	1511.2	1516.6	1554.7	1592.9	1728.2	1886.2	1809.2
47.5°	1626.9	1608.4	1623.6	1638.8	1772.2	1931.7	1867.4
50°	1746.0	1694.4	1686.4	1678.5	1816.1	1985.3	1941.5
52.5°	1867.0	1782.1	1750.6	1719.0	1868.6	2056.4	2033.6
55°	1985.6	1877.4	1835.0	1792.6	1948.8	2143.1	2169.0
57.5°	2108.8	1986.3	1947.0	1907.7	2066.7	2253.0	2290.4
60°	2241.5	2120.1	2088.6	2057.0	2213.2	2371.8	2344.6
62.5°	2367.3	2270.9	2254.3	2237.6	2361.4	2463.1	2323.5
65°	2451.4	2396.4	2411.8	2427.3	2473.5	2485.8	2261.8
67.5°	2395.2	2406.4	2471.6	2536.9	2505.1	2418.2	2140.2
70°	2083.1	2150.2	2304.6	2459.1	2388.7	2237.1	1921.9
72.5°	1618.2	1693.6	1922.8	2152.1	2087.2	1901.6	1578.6
75°	1202.2	1287.5	1540.4	1793.4	1703.3	1422.4	1130.2
77.5°	852.9	909.9	1159.7	1409.6	1262.6	946.8	760.6
80°	620.8	603.4	742.6	881.8	857.4	626.2	488.5
82.5°	478.0	435.4	500.9	566.5	562.9	434.6	358.4
85°	364.3	347.2	405.2	463.1	413.5	294.4	227.8
87.5°	212.3	238.8	307.1	375.5	281.8	89.3	44.2
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)