

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: P385637

Luminaire Tested: GAW-SA1B-722-U-SLR

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P385637
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-SA1B-722-U-SLR
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 2200K, 800mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3944 lumens
Efficiency: N/A
Efficacy: 89.6 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

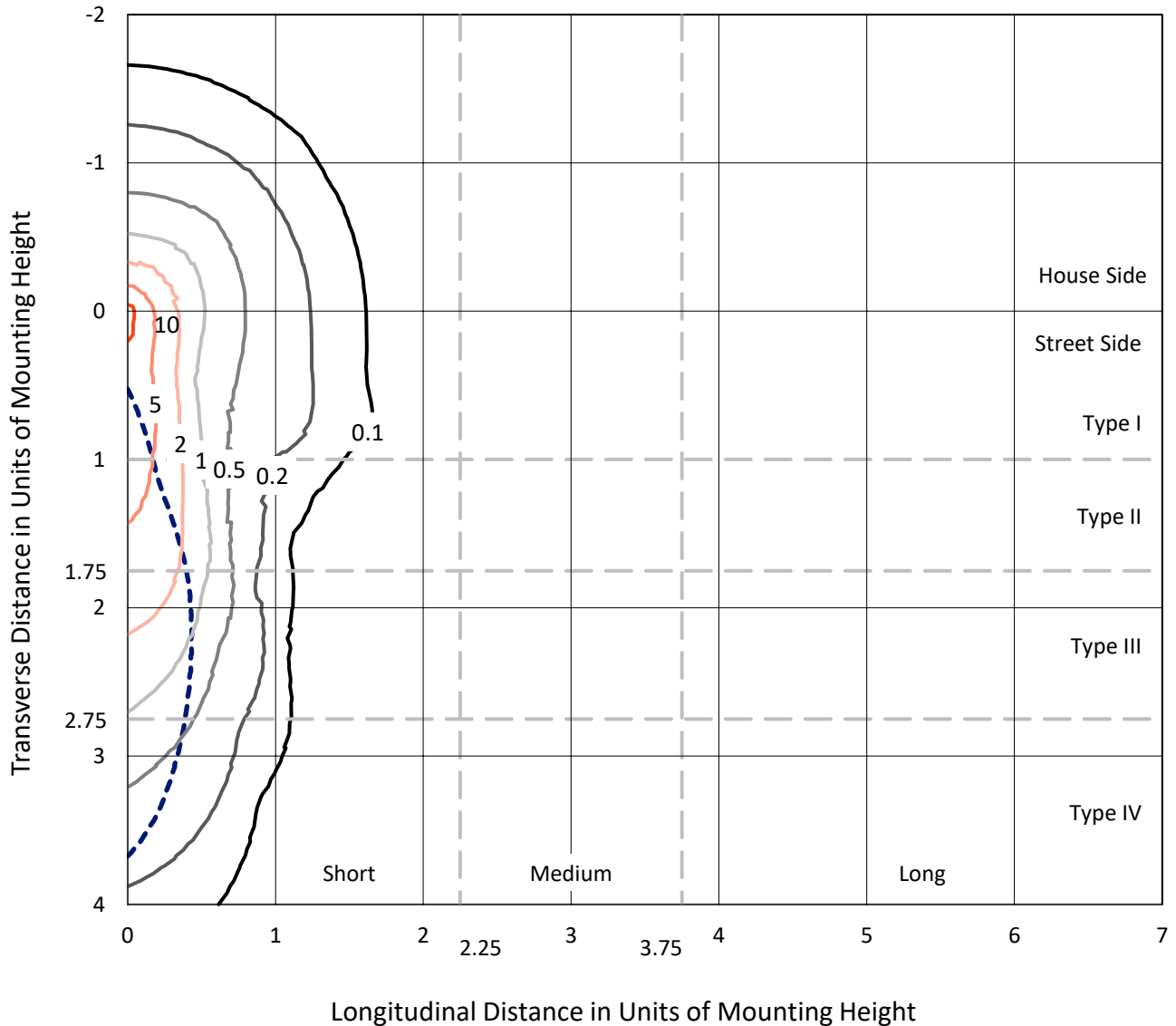
Input Watts (W): 44
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

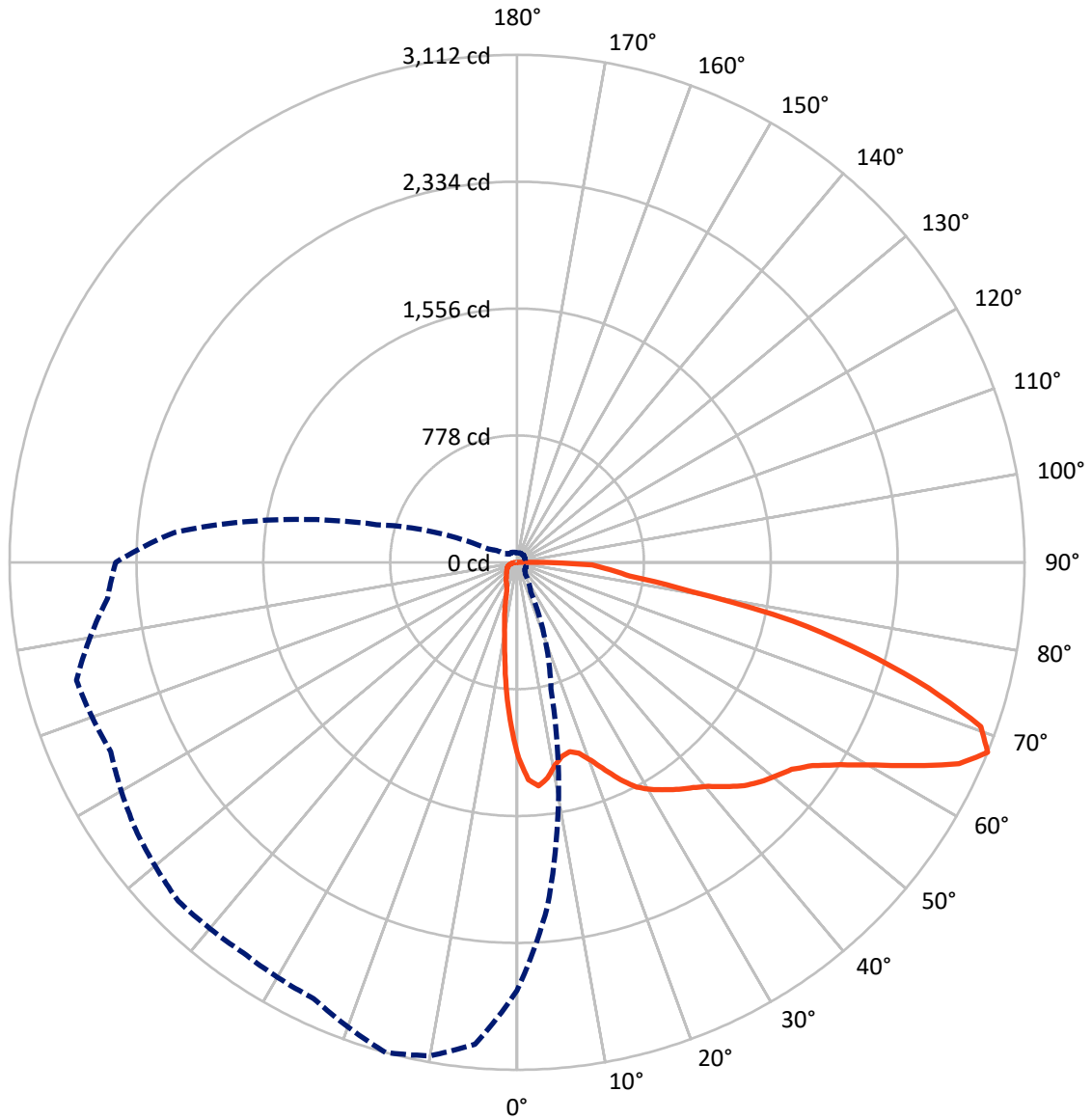
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12 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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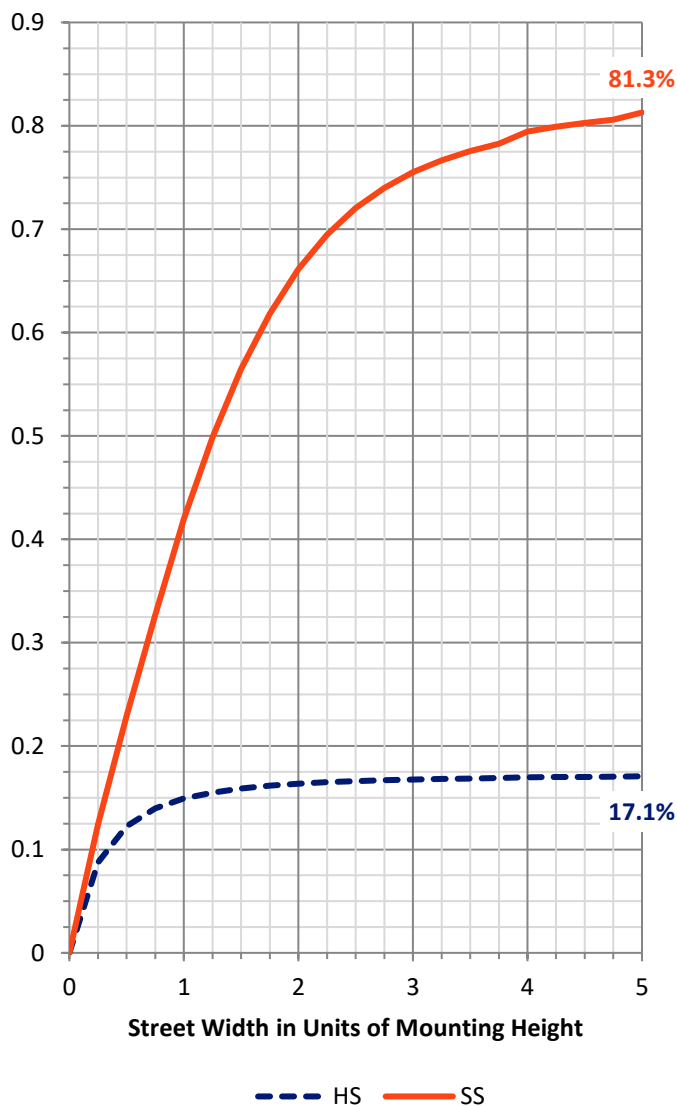
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	681.8	0.0	681.8
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	3262.2	0.0	3262.2
	% Fixture	82.7	0.0	82.7
Total	Lumens	3944.0	0.0	3944.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.7	2.4
10°-20°	192.6	4.9
20°-30°	274.0	6.9
30°-40°	394.8	10.0
40°-50°	556.4	14.1
50°-60°	773.5	19.6
60°-70°	935.4	23.7
70°-80°	575.0	14.6
80°-90°	149.6	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°	3944.0	100.0
0°-180°	3944.0	100.0

Coefficient of Utilization

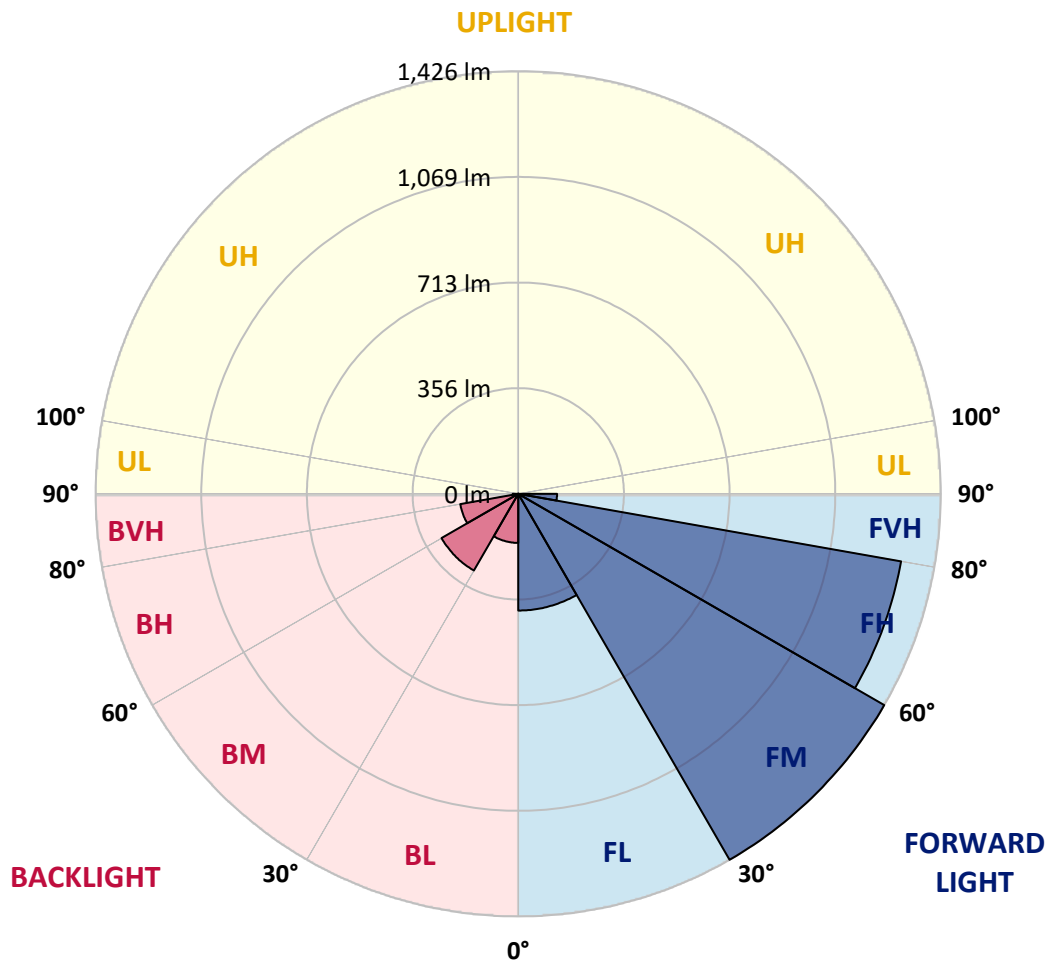


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	393.8	10.0			
FM (30°-60°)	1425.9	36.2			
FH (60°-80°)	1311.6	33.3			G1/1800
FVH (80°-90°)	130.9	3.3			G2/225
BL (0°-30°)	165.5	4.2	B1/500		
BM (30°-60°)	298.8	7.6	B1/1000		
BH (60°-80°)	198.7	5.0	B1/500		G1/500
BVH (80°-90°)	18.8	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°	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6
2.5°	1287.2	1275.8	1258.6	1241.5	1228.7	1215.8	1201.1	1186.4	1169.7	1152.8	1142.9
5°	1265.9	1234.4	1193.4	1152.4	1125.2	1098.1	1067.4	1036.6	1006.2	975.8	959.4
7.5°	1170.0	1122.7	1069.4	1016.1	976.7	937.1	894.6	851.8	814.0	776.0	752.5
10°	1075.7	1019.0	957.8	896.4	846.0	795.5	752.8	709.9	681.4	652.8	631.2
12.5°	1008.1	945.2	877.8	810.3	759.9	709.4	682.3	655.2	631.5	607.9	583.0
15°	981.3	910.2	841.3	772.2	726.3	680.4	650.3	620.0	588.3	556.5	525.9
17.5°	1004.9	921.7	846.8	771.9	711.8	651.7	609.6	567.4	525.6	483.8	448.3
20°	1078.7	972.4	874.5	776.4	696.5	616.6	560.1	503.5	449.9	396.3	356.1
22.5°	1182.3	1041.7	913.8	785.9	682.6	579.2	508.4	437.4	374.0	310.6	271.2
25°	1308.2	1133.4	970.4	807.2	676.9	546.5	459.5	372.5	305.6	238.6	210.5
27.5°	1440.8	1242.9	1040.7	838.4	677.9	517.4	418.3	319.2	258.9	198.7	179.4
30°	1551.3	1367.9	1122.7	877.4	681.5	485.7	379.6	273.4	223.8	174.1	161.6
32.5°	1652.4	1455.1	1184.5	913.8	685.6	457.3	349.6	241.7	201.2	160.5	150.3
35°	1756.8	1532.5	1227.7	922.8	678.5	434.1	329.1	224.1	186.7	149.2	140.5
37.5°	1871.7	1616.3	1269.4	922.3	666.5	410.8	313.2	215.4	177.2	138.9	132.6
40°	1999.9	1708.8	1314.5	920.1	655.7	391.1	301.3	211.5	172.0	132.5	127.1
42.5°	2125.3	1797.1	1356.4	915.7	646.8	377.8	289.7	201.5	167.3	132.9	125.4
45°	2219.4	1874.3	1392.8	911.3	640.2	369.1	280.5	191.9	162.9	133.9	124.3
47.5°	2290.9	1951.7	1433.2	914.6	639.6	364.6	274.1	183.5	154.5	125.4	121.4
50°	2381.7	2044.7	1492.0	939.3	648.2	357.2	266.5	175.7	146.5	117.3	122.7
52.5°	2494.7	2177.5	1583.2	988.7	666.4	344.1	254.5	164.9	136.7	108.3	116.7
55°	2660.8	2347.6	1699.7	1051.6	688.3	324.8	236.4	147.8	123.8	99.7	107.1
57.5°	2809.8	2519.5	1811.5	1103.3	702.0	300.5	213.5	126.5	109.3	92.1	96.3
60°	2876.2	2608.1	1863.8	1119.4	693.8	268.2	187.8	107.2	96.5	85.8	85.0
62.5°	2850.3	2551.8	1812.3	1072.7	653.8	234.8	165.1	95.4	87.4	79.2	77.4
65°	2774.6	2374.9	1667.8	960.8	586.1	211.5	150.7	90.0	81.1	72.1	70.2
67.5°	2625.5	2123.1	1463.2	803.3	500.2	197.1	142.5	88.0	77.1	66.1	63.9
70°	2357.7	1820.0	1227.4	634.7	411.6	188.3	137.2	86.1	72.9	59.4	57.4
72.5°	1936.5	1459.2	980.2	501.0	344.1	187.2	136.6	85.9	69.4	52.8	50.9
75°	1386.5	1108.4	748.2	387.9	281.8	175.7	129.6	83.6	64.7	45.6	43.8
77.5°	933.0	767.1	520.0	272.8	209.1	145.4	109.0	72.5	55.3	38.2	36.4
80°	599.2	530.9	348.5	166.0	135.6	105.2	77.9	50.6	40.4	30.0	28.5
82.5°	439.6	395.2	242.2	89.3	75.4	61.3	47.6	33.9	27.6	21.3	20.7
85°	279.4	308.1	178.3	48.6	39.7	30.9	25.5	20.2	15.9	11.7	11.7
87.5°	54.2	75.1	49.4	23.5	17.2	10.9	9.3	7.6	4.3	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°	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6
2.5°	1132.8	1121.9	1111.1	1098.8	1086.3	1074.8	1063.1	1050.3	1052.7	1042.9	1033.2
5°	943.0	925.6	908.1	893.0	877.8	864.7	851.5	839.7	849.9	843.0	836.1
7.5°	728.8	707.4	685.8	667.6	649.5	635.5	621.3	611.5	621.6	620.3	619.1
10°	609.6	588.8	567.8	547.8	527.8	510.7	493.6	479.0	476.5	469.3	461.9
12.5°	557.9	529.4	500.7	479.7	458.7	438.4	418.0	401.0	393.3	381.3	369.1
15°	495.3	461.5	427.8	404.0	380.0	360.3	340.4	325.8	320.9	311.6	302.3
17.5°	412.8	375.9	339.0	314.9	290.6	274.8	258.9	249.1	249.1	246.5	243.8
20°	315.8	282.9	249.9	231.5	213.0	204.7	196.2	192.1	193.3	193.5	193.5
22.5°	231.6	211.5	191.3	183.9	176.3	173.3	170.3	168.6	169.2	169.4	169.5
25°	182.4	174.7	166.8	163.0	159.1	157.2	155.3	154.7	156.1	156.3	156.3
27.5°	160.2	155.5	150.6	148.2	145.7	144.9	144.1	143.0	144.4	144.4	144.3
30°	149.0	144.0	138.9	135.9	132.9	133.2	133.4	133.1	134.0	134.7	135.1
32.5°	139.9	135.0	130.1	127.1	123.9	123.5	123.0	122.7	124.7	125.8	126.9
35°	131.7	126.3	120.9	118.1	115.3	114.2	113.1	112.3	114.2	115.6	117.0
37.5°	126.1	120.6	115.0	112.3	109.4	108.0	106.6	105.6	106.4	107.1	107.7
40°	121.7	116.1	110.2	107.1	103.9	102.5	101.1	100.3	100.8	100.9	101.1
42.5°	117.6	112.1	106.6	103.1	99.5	97.8	96.0	95.1	95.4	95.7	95.9
45°	114.6	109.1	103.4	99.3	95.1	93.2	91.3	90.2	90.4	90.4	90.4
47.5°	117.5	109.4	101.2	96.5	91.6	89.4	87.2	86.1	85.8	85.5	85.2
50°	127.9	114.2	100.3	94.3	88.1	85.8	83.3	82.0	81.2	80.9	80.6
52.5°	124.9	113.1	101.1	93.4	85.5	82.6	79.8	77.7	77.0	76.5	76.0
55°	114.3	106.9	99.3	90.0	80.7	78.2	75.5	74.1	72.7	72.4	72.1
57.5°	100.4	97.4	94.5	85.0	75.5	73.2	70.6	69.7	68.4	68.4	68.3
60°	84.0	88.5	92.9	82.0	71.0	68.3	65.6	64.8	64.3	64.2	64.0
62.5°	75.5	82.8	89.9	78.4	66.7	63.9	61.0	60.1	59.9	60.1	60.1
65°	68.3	70.5	72.7	67.3	62.0	59.1	56.1	55.2	55.5	56.0	56.5
67.5°	61.7	61.2	60.7	58.8	56.8	54.4	51.9	50.9	51.1	51.7	52.4
70°	55.3	54.7	53.9	52.5	51.1	49.0	47.0	46.4	46.2	47.0	47.6
72.5°	49.0	48.3	47.3	46.2	44.9	43.2	41.5	41.0	41.2	41.6	42.1
75°	42.1	41.5	40.7	39.7	38.6	37.1	35.5	35.2	35.5	36.0	36.4
77.5°	34.5	34.4	34.1	33.3	32.5	30.7	28.9	28.7	29.2	29.6	30.0
80°	27.0	27.1	27.3	26.6	26.0	24.1	22.1	21.9	22.4	22.9	23.3
82.5°	19.9	20.3	20.7	19.9	19.1	16.9	14.7	14.3	15.9	16.4	16.9
85°	11.5	12.1	12.8	12.1	11.5	9.3	7.1	6.9	8.4	9.1	9.9
87.5°	0.9	1.3	1.6	1.4	1.3	0.6	0.0	0.0	0.2	0.8	1.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P385637
 CATALOG NUMBER: GAW-SA1B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6
2.5°	1027.0	1020.9	1019.0	1017.1	1010.1	1003.0	1010.3	1017.4	1020.4	1023.4	1015.7
5°	835.1	834.0	834.0	833.8	827.5	821.1	826.0	830.7	820.1	809.6	808.5
7.5°	625.9	632.6	638.2	643.5	641.5	639.4	644.0	648.6	635.2	621.6	615.0
10°	463.4	464.9	470.9	476.8	478.3	479.5	485.2	490.7	480.3	469.9	465.3
12.5°	361.6	354.0	354.8	355.4	358.3	360.9	366.9	372.8	368.5	364.1	364.6
15°	292.8	283.2	279.3	275.2	278.3	281.5	285.7	289.8	290.0	290.0	294.1
17.5°	239.1	234.2	230.2	226.1	230.4	234.5	235.0	235.4	235.6	235.7	235.4
20°	195.8	198.2	196.9	195.7	197.3	198.7	199.9	201.0	199.6	198.1	194.1
22.5°	171.7	173.8	175.3	176.8	179.4	182.0	180.7	179.3	176.5	173.5	170.5
25°	157.7	159.1	160.7	162.3	164.5	166.5	164.3	162.1	160.1	158.0	156.0
27.5°	145.9	147.3	148.7	150.0	152.0	153.9	151.9	149.8	148.1	146.3	144.8
30°	136.2	137.2	138.3	139.4	141.3	143.0	141.3	139.4	138.1	136.7	135.6
32.5°	128.0	129.0	129.5	129.9	131.7	133.4	132.1	130.9	129.8	128.7	127.9
35°	119.1	120.9	121.3	121.6	123.3	125.0	124.3	123.3	122.0	120.8	119.4
37.5°	109.9	112.1	113.4	114.5	116.2	117.9	117.2	116.4	114.6	112.9	110.4
40°	102.2	103.1	105.5	107.7	110.5	113.2	111.6	109.9	107.2	104.5	103.3
42.5°	95.7	95.6	97.8	100.0	104.2	108.3	105.5	102.7	100.1	97.6	97.3
45°	90.0	89.6	90.7	91.8	96.3	100.8	97.9	94.9	93.5	92.1	92.1
47.5°	85.0	84.7	85.5	86.1	88.9	91.6	90.2	88.8	88.0	87.2	87.4
50°	80.4	80.1	80.9	81.5	82.6	83.6	83.9	84.0	83.6	83.1	83.4
52.5°	76.2	76.2	76.5	76.6	78.1	79.5	79.5	79.3	79.3	79.3	79.6
55°	72.5	72.9	72.9	72.9	75.1	77.1	76.5	75.8	76.0	76.0	76.3
57.5°	68.9	69.4	69.7	70.0	72.2	74.4	73.8	73.2	73.2	73.2	73.3
60°	64.8	65.4	66.1	66.7	68.9	71.1	70.5	69.7	69.9	70.0	70.2
62.5°	60.9	61.5	62.1	62.8	65.0	67.2	66.5	65.8	66.2	66.5	66.5
65°	57.1	57.6	58.2	58.8	60.9	62.9	62.3	61.7	62.3	62.8	63.1
67.5°	52.8	53.1	53.8	54.4	56.5	58.5	57.9	57.1	57.9	58.5	59.1
70°	47.9	48.3	49.0	49.7	51.7	53.8	53.0	52.2	53.0	53.8	54.4
72.5°	42.6	42.9	43.7	44.3	46.7	49.0	48.1	47.1	48.1	49.0	49.4
75°	36.7	37.1	38.0	38.8	41.2	43.5	42.7	41.8	42.6	43.4	43.5
77.5°	30.4	30.9	32.2	33.4	35.3	37.2	36.7	36.3	36.7	37.2	37.2
80°	23.8	24.3	25.9	27.3	28.4	29.5	29.6	29.8	30.0	30.1	30.0
82.5°	17.7	18.3	19.7	21.1	21.1	21.1	22.4	23.5	23.5	23.3	23.2
85°	10.9	11.7	12.9	14.2	13.4	12.6	14.7	16.6	16.6	16.4	16.1
87.5°	2.2	3.0	4.3	5.4	4.6	3.8	5.8	7.9	8.0	8.0	7.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385637
 CATALOG NUMBER: GAW-SA1B-722-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: P385637
 CATALOG NUMBER: GAW-SA1B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6
2.5°	1007.8	1020.1	1032.2	1035.4	1040.1	1042.1	1044.0	1059.5	1074.8	1092.8	1110.7
5°	807.2	816.3	825.5	826.9	831.8	834.3	836.8	855.6	874.2	899.3	924.4
7.5°	608.4	610.6	612.8	612.5	616.6	622.1	627.4	647.5	667.3	694.3	721.1
10°	460.8	465.8	470.7	475.3	484.3	494.7	504.9	525.4	545.9	572.6	599.0
12.5°	365.0	370.9	376.6	381.6	392.0	405.9	419.6	444.2	468.8	500.7	532.3
15°	298.0	297.6	297.1	300.5	309.7	324.8	339.8	365.8	391.8	426.9	461.7
17.5°	235.1	232.7	230.4	233.1	241.6	254.0	266.3	288.4	310.3	344.2	378.1
20°	190.2	188.6	187.0	189.5	194.9	200.1	205.3	221.2	237.0	264.6	292.0
22.5°	167.3	167.1	166.8	168.3	170.8	173.5	176.0	183.7	191.3	209.1	226.8
25°	153.9	153.7	153.6	154.2	156.3	158.3	160.4	165.4	170.5	179.0	187.5
27.5°	143.2	142.9	142.5	142.7	143.2	146.3	149.3	151.7	153.9	159.7	165.4
30°	134.5	134.3	134.2	134.2	133.7	134.8	135.9	139.6	143.0	149.0	155.0
32.5°	127.1	126.3	125.5	123.8	122.7	124.3	125.8	129.6	133.4	138.9	144.4
35°	117.8	115.7	113.5	112.6	112.7	114.3	115.9	119.7	123.3	129.3	135.1
37.5°	107.7	107.1	106.3	106.1	106.6	108.2	109.7	113.1	116.2	122.2	128.0
40°	102.0	101.7	101.4	101.1	101.4	103.0	104.5	107.7	110.7	116.5	122.2
42.5°	97.0	96.8	96.7	96.7	96.8	98.6	100.3	103.4	106.4	111.6	116.8
45°	92.1	92.2	92.2	92.6	93.0	94.8	96.3	99.8	103.3	108.3	113.4
47.5°	87.5	88.0	88.3	89.1	89.6	91.5	93.2	97.0	100.8	107.1	113.2
50°	83.6	84.0	84.4	85.0	86.3	88.5	90.7	95.2	99.7	110.2	120.6
52.5°	79.9	80.4	80.9	81.5	83.1	85.6	88.1	93.8	99.3	111.6	123.9
55°	76.6	77.1	77.4	78.4	79.9	82.2	84.2	91.1	98.1	107.1	116.1
57.5°	73.5	74.0	74.3	74.9	75.7	78.1	80.3	87.7	95.1	101.4	107.5
60°	70.2	70.5	70.6	70.6	71.3	74.0	76.6	86.1	95.4	94.3	93.0
62.5°	66.5	66.9	67.0	66.5	67.3	70.2	73.0	85.3	97.6	90.0	82.5
65°	63.2	63.1	62.9	62.4	63.4	66.2	68.9	75.1	81.2	78.2	75.2
67.5°	59.6	59.1	58.7	58.0	59.0	61.5	63.9	65.9	68.0	68.3	68.6
70°	55.0	54.4	53.8	53.6	54.1	56.1	58.2	59.6	60.9	61.5	62.0
72.5°	49.7	49.2	48.7	48.4	48.6	50.3	51.9	53.1	54.4	54.9	55.2
75°	43.7	43.7	43.5	42.6	42.6	44.0	45.3	46.4	47.5	48.1	48.7
77.5°	37.2	37.4	37.4	36.1	36.0	37.4	38.6	39.6	40.4	41.0	41.5
80°	29.8	29.5	29.2	28.4	28.1	29.8	31.4	32.2	32.8	33.0	33.0
82.5°	22.9	22.2	21.4	19.7	19.9	21.8	23.5	24.1	24.8	24.8	24.8
85°	15.6	14.3	12.9	11.5	11.7	13.7	15.6	16.2	16.9	17.2	17.3
87.5°	7.4	6.1	4.7	3.6	3.6	5.4	6.9	7.3	7.6	8.2	8.8
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: P385637
 CATALOG NUMBER: GAW-SA1B-722-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: P385637
 CATALOG NUMBER: GAW-SA1B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6
2.5°	1124.5	1138.0	1152.1	1166.1	1182.2	1198.3	1217.0	1235.6	1251.6	1267.5	1280.7
5°	946.0	967.6	992.9	1018.3	1050.7	1083.0	1122.6	1162.0	1197.2	1232.3	1273.2
7.5°	749.3	777.4	810.5	843.6	885.4	927.2	978.4	1029.7	1079.4	1128.9	1191.6
10°	628.5	658.0	690.7	723.1	765.7	808.1	862.4	916.5	972.3	1028.0	1098.9
12.5°	565.1	597.8	626.5	655.2	689.7	724.1	776.6	829.1	894.7	960.1	1028.4
15°	497.5	533.1	567.5	601.9	639.6	677.1	728.2	779.3	851.0	922.8	1001.3
17.5°	415.7	453.2	495.1	536.9	586.1	635.2	700.6	766.0	851.0	935.9	1028.4
20°	330.4	368.7	418.8	469.0	530.1	591.2	676.0	760.8	875.3	989.6	1107.7
22.5°	260.7	294.4	349.1	403.7	474.3	545.0	653.8	762.4	912.1	1061.5	1221.0
25°	211.3	235.1	288.9	342.5	424.0	505.5	640.2	774.7	965.5	1156.2	1353.9
27.5°	181.0	196.6	246.8	296.8	385.9	474.8	634.7	794.4	1033.3	1272.2	1498.5
30°	165.9	176.8	219.2	261.4	352.0	442.5	628.1	813.7	1098.6	1383.4	1611.6
32.5°	153.3	161.9	198.2	234.3	322.6	410.9	615.3	819.5	1144.2	1468.8	1707.3
35°	142.5	149.8	181.3	212.9	299.6	386.3	593.8	801.4	1172.7	1544.1	1806.9
37.5°	133.9	139.6	168.7	197.9	279.7	361.6	569.4	777.2	1198.1	1619.0	1919.0
40°	127.1	132.0	159.3	186.5	260.8	335.1	548.4	761.6	1233.1	1704.6	2037.5
42.5°	123.3	129.6	151.1	172.4	242.8	313.3	531.6	749.8	1265.6	1781.2	2141.1
45°	122.4	131.4	146.8	162.3	229.4	296.6	516.6	736.4	1286.6	1836.7	2219.1
47.5°	120.8	128.2	143.5	158.8	222.8	286.7	508.5	730.2	1307.5	1884.7	2283.9
50°	121.7	122.7	140.8	158.8	221.9	284.9	517.7	750.4	1352.9	1955.3	2358.0
52.5°	120.0	115.9	135.8	155.6	221.7	287.8	544.0	800.3	1437.3	2074.2	2438.3
55°	110.9	105.5	126.3	147.1	218.4	289.5	575.4	861.1	1550.5	2239.8	2582.6
57.5°	102.8	97.9	115.6	133.1	208.3	283.5	607.7	931.8	1670.2	2408.5	2745.2
60°	92.1	91.0	103.6	116.2	192.7	269.0	634.4	999.6	1750.6	2501.5	2807.8
62.5°	83.3	83.9	93.2	102.5	173.1	243.6	643.2	1042.6	1748.4	2454.2	2744.7
65°	76.5	77.6	86.7	95.9	156.4	217.0	614.2	1011.2	1660.0	2308.5	2620.0
67.5°	69.9	71.1	82.0	92.7	141.6	190.3	541.7	892.8	1500.9	2108.7	2461.3
70°	63.5	65.1	77.0	88.8	130.9	172.8	448.1	723.5	1301.7	1879.8	2277.6
72.5°	56.8	58.3	71.0	83.6	124.1	164.5	365.4	566.1	1056.3	1546.4	1948.2
75°	49.8	50.9	64.7	78.2	114.8	151.4	286.7	421.8	808.5	1195.1	1471.5
77.5°	42.9	44.3	55.8	67.2	97.4	127.6	216.0	304.5	593.2	881.8	1023.4
80°	34.2	35.5	43.7	51.7	75.2	98.6	148.5	198.5	408.2	618.0	697.8
82.5°	26.2	27.6	33.1	38.5	53.6	68.8	90.0	111.3	271.2	431.0	437.6
85°	18.0	18.4	22.4	26.2	33.1	40.1	51.6	63.1	179.4	295.8	246.5
87.5°	9.0	9.0	11.7	14.3	17.8	21.3	27.3	33.1	57.4	81.7	47.0
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: P385637
 CATALOG NUMBER: GAW-SA1B-722-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: P385637

CATALOG NUMBER: GAW-SA1B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6
2.5°	1297.6	1309.1	1320.8	1329.6	1338.6	1351.5	1364.5	1366.8	1369.3	1364.3	1359.3
5°	1314.3	1349.2	1384.2	1416.5	1448.8	1468.2	1487.6	1491.6	1495.5	1483.4	1471.1
7.5°	1252.3	1313.1	1373.8	1429.4	1485.1	1518.8	1552.7	1560.3	1568.0	1548.2	1528.3
10°	1169.6	1244.1	1318.7	1392.1	1465.4	1514.4	1563.5	1573.2	1583.0	1558.3	1533.5
12.5°	1105.5	1185.2	1264.8	1342.1	1419.5	1470.3	1521.0	1533.2	1545.3	1527.3	1509.2
15°	1085.8	1160.7	1235.6	1303.0	1370.4	1411.9	1453.5	1458.4	1463.5	1460.6	1457.8
17.5°	1121.6	1189.3	1257.1	1293.7	1330.4	1347.0	1363.7	1369.0	1374.5	1381.6	1388.9
20°	1208.3	1256.0	1303.7	1302.2	1300.4	1292.4	1284.2	1282.8	1281.4	1301.7	1322.2
22.5°	1337.8	1356.7	1375.8	1331.5	1287.2	1260.2	1233.1	1227.7	1222.2	1243.8	1265.6
25°	1478.3	1474.8	1471.2	1386.8	1302.3	1250.9	1199.5	1193.5	1187.5	1206.0	1224.6
27.5°	1617.4	1594.7	1572.0	1457.3	1342.7	1268.1	1193.5	1187.5	1181.5	1197.9	1214.3
30°	1719.4	1683.0	1646.6	1516.8	1387.0	1298.4	1209.8	1200.0	1190.1	1210.2	1230.4
32.5°	1799.0	1750.2	1701.3	1565.0	1428.8	1332.9	1237.0	1221.8	1206.5	1233.4	1260.4
35°	1878.5	1809.8	1740.9	1608.1	1475.2	1373.8	1272.2	1253.4	1234.7	1271.7	1308.8
37.5°	1978.5	1879.8	1780.9	1656.5	1532.1	1434.9	1337.6	1318.4	1299.2	1346.3	1393.6
40°	2087.0	1955.3	1823.6	1709.5	1595.3	1519.6	1443.8	1425.5	1407.0	1464.4	1521.8
42.5°	2177.2	2025.6	1874.1	1773.3	1672.4	1619.1	1565.7	1565.5	1565.2	1623.4	1681.6
45°	2250.5	2084.3	1917.9	1835.6	1753.2	1725.4	1697.6	1719.9	1742.1	1794.6	1847.3
47.5°	2305.2	2133.5	1961.6	1906.9	1852.2	1856.3	1860.4	1905.6	1950.9	1984.6	2018.5
50°	2340.8	2178.1	2015.2	1998.4	1981.5	2018.2	2055.1	2107.0	2159.0	2182.1	2205.1
52.5°	2392.7	2238.7	2084.5	2103.4	2122.3	2197.4	2272.4	2324.9	2377.4	2385.9	2394.6
55°	2512.7	2350.0	2187.1	2223.4	2259.8	2369.9	2480.1	2521.1	2562.1	2565.2	2568.4
57.5°	2683.2	2505.9	2328.7	2367.8	2406.9	2534.0	2661.3	2705.4	2749.7	2743.6	2737.3
60°	2810.8	2654.0	2497.1	2536.5	2576.0	2699.9	2823.8	2874.6	2925.5	2912.0	2898.4
62.5°	2818.6	2734.9	2651.0	2686.7	2722.4	2843.9	2965.3	3017.5	3069.7	3046.0	3022.4
65°	2693.3	2730.8	2768.3	2780.2	2792.0	2905.2	3018.6	3058.5	3098.5	3086.5	3074.6
67.5°	2520.6	2658.9	2797.3	2773.5	2749.7	2802.9	2856.0	2897.2	2938.3	2931.5	2924.6
70°	2348.3	2532.9	2717.6	2600.6	2483.4	2461.5	2439.6	2483.9	2528.3	2500.9	2473.3
72.5°	2054.8	2251.6	2448.5	2233.0	2017.4	1942.5	1867.6	1923.9	1980.2	1936.5	1892.7
75°	1613.0	1830.4	2048.0	1790.8	1533.7	1433.7	1333.7	1382.1	1430.5	1400.6	1370.4
77.5°	1200.8	1415.1	1629.4	1367.9	1106.3	1032.1	957.6	972.0	986.5	981.4	976.2
80°	814.4	963.8	1113.3	939.2	765.1	770.8	776.6	769.8	762.9	773.0	783.1
82.5°	519.7	635.0	750.4	658.0	565.6	618.6	671.6	645.6	619.4	629.0	638.8
85°	296.6	409.4	522.3	486.8	451.1	482.0	513.1	472.7	432.4	450.0	467.9
87.5°	78.2	226.4	374.8	340.3	305.8	265.7	225.6	172.2	118.7	173.5	228.2
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: P385637
 CATALOG NUMBER: GAW-SA1B-722-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°	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6	1201.6
2.5°	1356.6	1353.9	1344.3	1334.5	1320.0	1308.0	1287.2
5°	1454.0	1437.0	1407.7	1378.2	1345.4	1307.7	1265.9
7.5°	1488.6	1448.7	1392.4	1335.9	1285.1	1225.5	1170.0
10°	1473.9	1414.1	1341.0	1267.6	1206.0	1137.4	1075.7
12.5°	1445.8	1382.3	1301.7	1221.0	1150.8	1077.2	1008.1
15°	1407.2	1356.4	1280.9	1205.4	1134.7	1063.1	981.3
17.5°	1364.9	1340.8	1286.2	1231.5	1170.3	1101.0	1004.9
20°	1330.9	1339.7	1317.9	1296.2	1247.1	1186.6	1078.7
22.5°	1307.8	1350.3	1367.0	1383.9	1354.4	1307.1	1182.3
25°	1294.9	1365.2	1421.2	1477.4	1464.3	1427.8	1308.2
27.5°	1300.6	1386.8	1473.7	1560.8	1572.9	1562.8	1440.8
30°	1317.6	1405.0	1510.8	1616.8	1665.2	1678.7	1551.3
32.5°	1346.0	1431.6	1546.9	1662.3	1735.5	1778.7	1652.4
35°	1388.9	1469.0	1589.2	1709.3	1803.9	1882.8	1756.8
37.5°	1462.5	1531.4	1642.3	1753.3	1876.0	1994.4	1871.7
40°	1570.4	1619.1	1712.8	1806.6	1961.0	2120.9	1999.9
42.5°	1706.5	1731.5	1805.8	1880.1	2049.8	2235.7	2125.3
45°	1853.9	1860.5	1907.2	1954.0	2120.1	2313.9	2219.4
47.5°	1995.8	1973.1	1991.7	2010.3	2174.0	2369.7	2290.9
50°	2141.8	2078.6	2068.8	2059.1	2227.9	2435.5	2381.7
52.5°	2290.4	2186.2	2147.5	2108.7	2292.3	2522.7	2494.7
55°	2435.8	2303.2	2251.1	2199.1	2390.7	2629.1	2660.8
57.5°	2587.0	2436.7	2388.5	2340.2	2535.3	2763.9	2809.8
60°	2749.7	2600.9	2562.2	2523.4	2715.0	2909.6	2876.2
62.5°	2904.1	2785.8	2765.5	2745.0	2896.8	3021.6	2850.3
65°	3007.2	2939.7	2958.7	2977.7	3034.4	3049.5	2774.6
67.5°	2938.3	2952.0	3032.0	3112.1	3073.1	2966.5	2625.5
70°	2555.5	2637.8	2827.2	3016.7	2930.3	2744.4	2357.7
72.5°	1985.1	2077.7	2358.8	2640.1	2560.5	2332.8	1936.5
75°	1474.8	1579.4	1889.7	2200.0	2089.5	1745.0	1386.5
77.5°	1046.2	1116.3	1422.6	1729.2	1548.9	1161.5	933.0
80°	761.6	740.2	911.0	1081.7	1051.8	768.2	599.2
82.5°	586.4	534.1	614.5	694.9	690.5	533.1	439.6
85°	446.9	425.9	497.0	568.1	507.3	361.1	279.4
87.5°	260.5	293.0	376.7	460.6	345.6	109.6	54.2
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)