

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P383061

Luminaire Tested: **GAN-SA4A-735-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383061
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 (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA4A-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15389.2 lumens
Efficiency: N/A
Efficacy: 119.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G4

Input Watts (W): 129
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: 24 FT

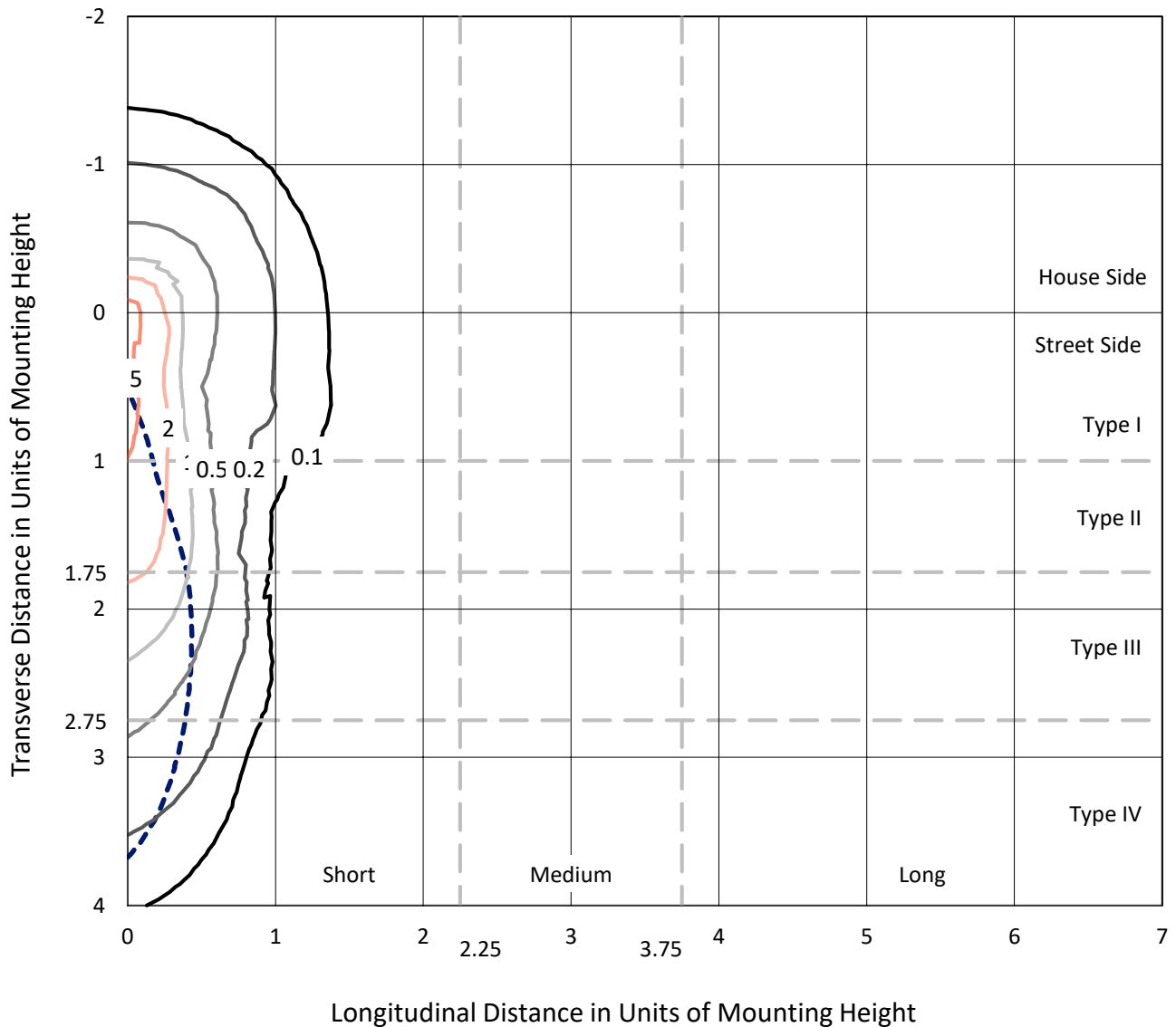




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Iso-Footcandle Lines of Horizontal Illumination

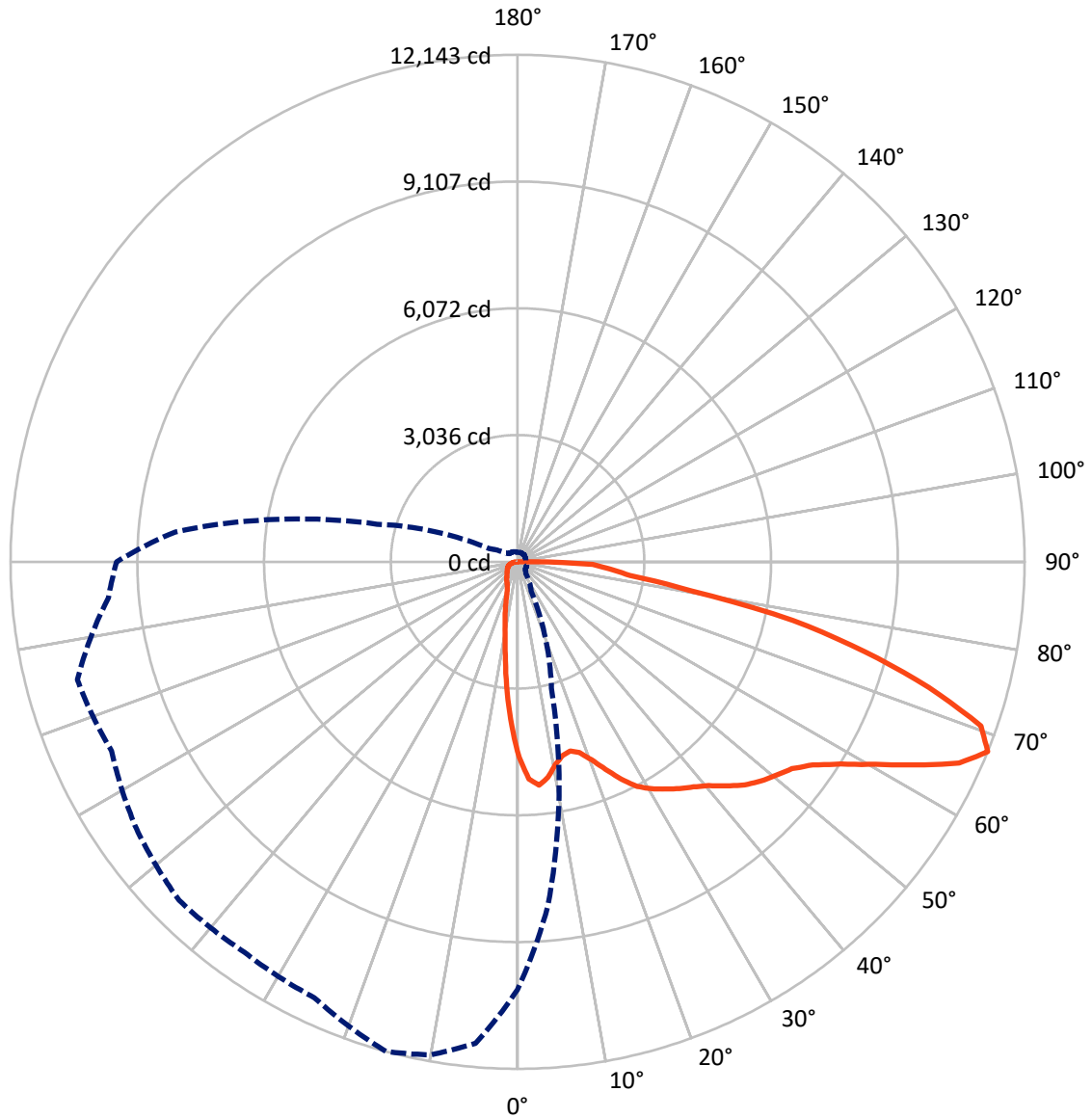
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.5 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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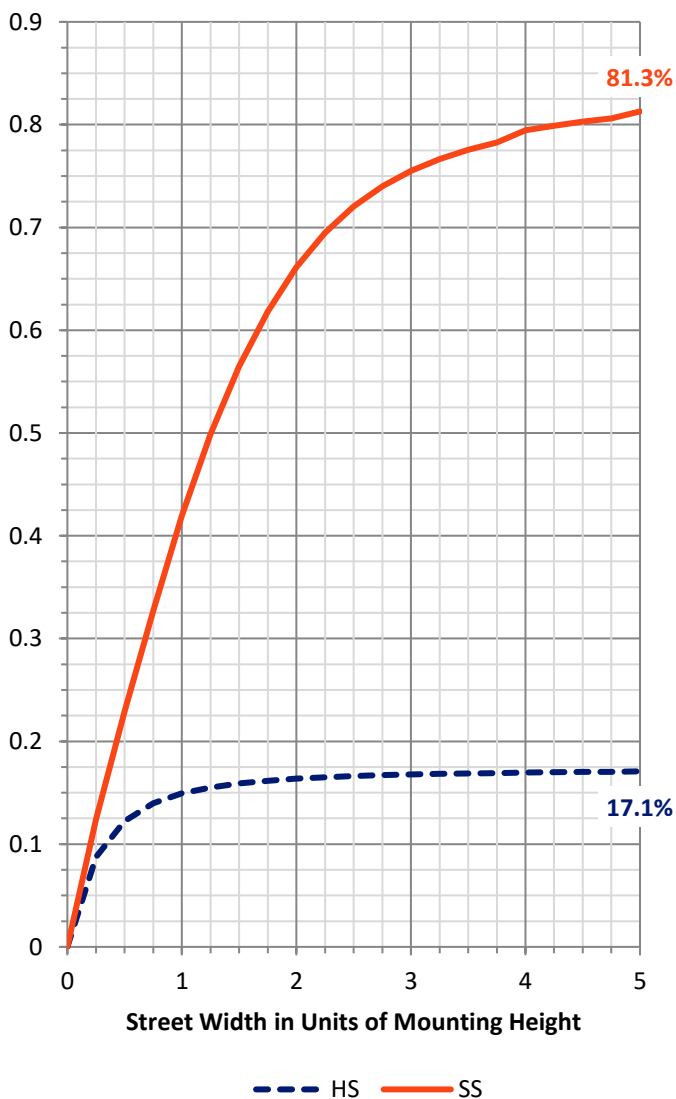
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2660.5	0.0	2660.5
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	12728.7	0.0	12728.7
	% Fixture	82.7	0.0	82.7
Total	Lumens	15389.2	0.0	15389.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	361.8	2.4
10°-20°	751.7	4.9
20°-30°	1069.1	6.9
30°-40°	1540.5	10.0
40°-50°	2171.0	14.1
50°-60°	3018.1	19.6
60°-70°	3649.8	23.7
70°-80°	2243.4	14.6
80°-90°	583.8	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°	15389.2	100.0
0°-180°	15389.2	100.0

Coefficient of Utilization

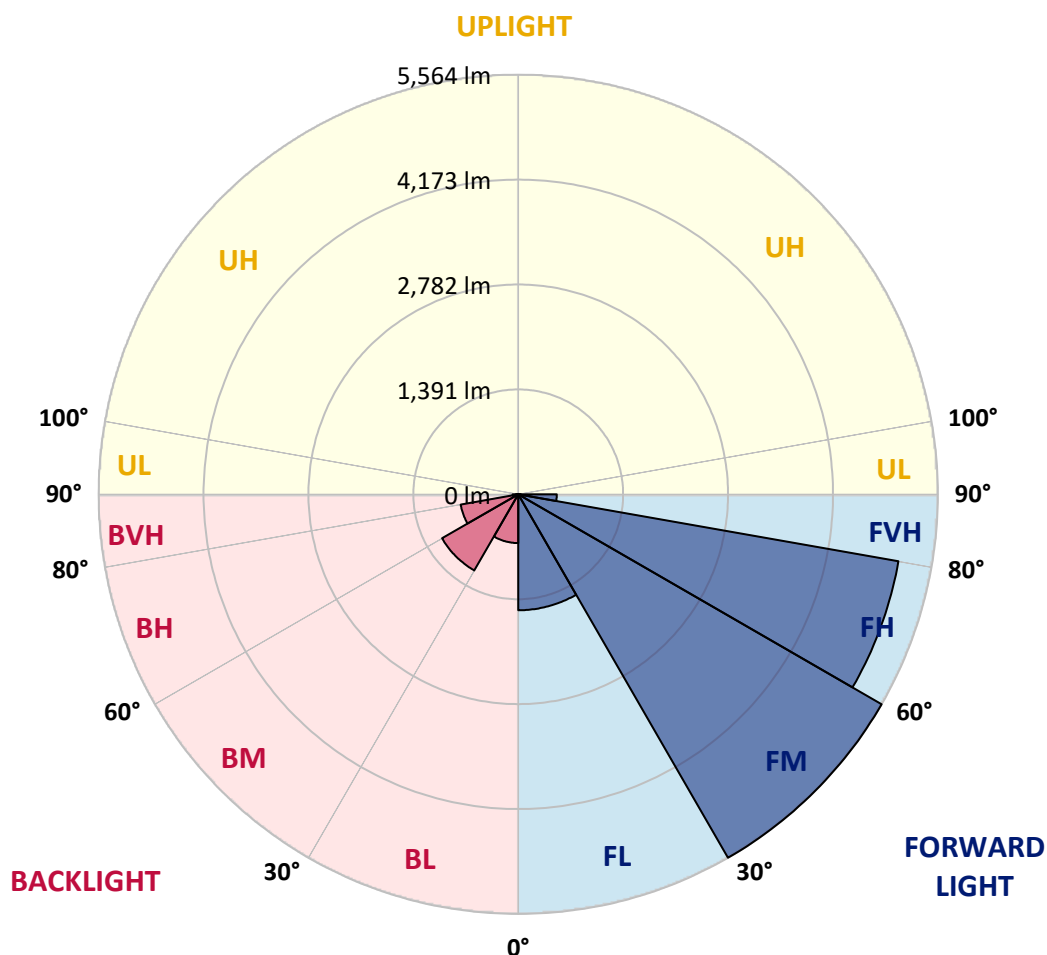


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1536.6	10.0			
FM (30°-60°)	5563.6	36.2			
FH (60°-80°)	5117.9	33.3			G3/7500
FVH (80°-90°)	510.6	3.3			G4/750
BL (0°-30°)	645.9	4.2	B2/1000		
BM (30°-60°)	1166.0	7.6	B2/2500		
BH (60°-80°)	775.3	5.0	B2/1000		G2/1000
BVH (80°-90°)	73.2	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4
2.5°	5022.5	4978.2	4911.1	4844.0	4794.2	4743.8	4686.6	4629.3	4564.1	4498.3	4459.5
5°	4939.4	4816.4	4656.4	4496.5	4390.7	4284.8	4164.9	4044.9	3926.1	3807.3	3743.3
7.5°	4565.3	4380.8	4172.8	3964.9	3811.1	3656.6	3490.5	3323.8	3176.0	3027.8	2936.1
10°	4197.5	3975.9	3737.2	3497.9	3300.9	3104.1	2937.4	2770.0	2658.6	2547.2	2462.9
12.5°	3933.5	3688.0	3425.2	3162.0	2965.0	2768.1	2622.3	2556.4	2464.2	2371.9	2274.7
15°	3828.8	3551.3	3282.5	3013.0	2834.0	2654.9	2537.4	2419.2	2295.6	2171.3	2051.9
17.5°	3921.2	3596.3	3304.0	3011.8	2777.4	2542.9	2378.7	2213.7	2050.7	1887.7	1749.3
20°	4209.1	3794.4	3412.4	3029.7	2717.7	2405.7	2185.5	1964.5	1755.4	1546.2	1389.3
22.5°	4613.4	4064.5	3565.5	3066.6	2663.6	2259.9	1983.6	1706.8	1459.5	1212.1	1058.2
25°	5104.3	4422.6	3786.5	3149.6	2641.4	2132.6	1792.9	1453.3	1192.4	930.9	821.4
27.5°	5621.8	4849.6	4060.8	3271.4	2645.0	2018.8	1632.4	1245.3	1010.3	775.2	700.2
30°	6053.1	5337.5	4380.8	3423.4	2659.2	1895.0	1481.0	1066.9	873.0	679.3	630.7
32.5°	6447.5	5677.8	4622.0	3565.5	2675.2	1784.3	1364.1	943.2	785.1	626.4	586.3
35°	6854.8	5979.9	4790.6	3600.6	2647.6	1693.8	1284.0	874.4	728.5	582.0	548.2
37.5°	7303.3	6306.6	4952.9	3598.8	2600.8	1602.8	1221.9	840.4	691.6	542.1	517.5
40°	7803.6	6667.7	5128.9	3590.2	2558.3	1525.9	1175.8	825.1	671.3	516.8	496.0
42.5°	8292.7	7012.3	5292.6	3573.0	2523.8	1474.2	1130.2	786.3	652.8	518.7	489.2
45°	8660.0	7313.2	5434.7	3555.7	2498.0	1440.4	1094.6	748.8	635.6	522.4	484.9
47.5°	8938.8	7615.3	5592.3	3568.6	2495.5	1422.6	1069.3	716.2	603.0	489.2	473.8
50°	9293.1	7978.3	5821.8	3665.2	2529.4	1393.6	1039.8	685.4	571.6	457.8	478.7
52.5°	9734.3	8496.4	6177.4	3857.8	2600.1	1342.5	993.0	643.6	533.4	422.7	455.3
55°	10382.2	9160.3	6632.1	4103.3	2685.7	1267.5	922.3	576.5	483.0	388.8	417.8
57.5°	10963.7	9830.9	7068.3	4305.1	2739.2	1172.7	833.1	493.4	426.4	359.3	376.0
60°	11222.6	10176.7	7272.6	4367.8	2707.3	1046.6	732.8	418.4	376.5	334.7	331.6
62.5°	11121.7	9957.0	7071.4	4185.7	2550.9	916.2	644.2	372.2	340.9	308.9	302.1
65°	10826.4	9266.7	6507.8	3748.9	2286.9	825.1	588.2	351.3	316.3	281.1	273.8
67.5°	10244.4	8284.1	5709.2	3134.2	1951.7	769.1	556.2	343.4	300.9	257.8	249.2
70°	9199.6	7101.6	4789.4	2476.5	1605.9	734.6	535.3	335.9	284.2	232.0	223.9
72.5°	7556.2	5693.8	3824.6	1954.8	1342.5	730.3	532.8	335.4	270.7	206.2	198.7
75°	5410.1	4324.8	2919.5	1513.6	1099.5	685.4	505.7	326.1	252.3	177.8	171.0
77.5°	3640.6	2993.3	2029.2	1064.4	815.8	567.3	425.2	283.0	215.9	148.9	142.2
80°	2338.1	2071.7	1359.8	647.9	529.1	410.3	304.0	197.5	157.5	116.9	111.3
82.5°	1715.4	1541.9	945.1	348.2	294.1	239.3	185.8	132.3	107.7	83.1	80.6
85°	1090.3	1202.3	695.9	189.5	155.0	120.6	99.7	78.7	62.1	45.6	45.6
87.5°	211.6	292.9	192.6	91.7	67.1	42.5	36.3	29.5	16.6	3.1	3.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4
2.5°	4420.2	4377.7	4335.2	4287.3	4238.6	4193.7	4148.2	4098.3	4107.6	4069.5	4031.3
5°	3679.3	3611.7	3543.4	3484.4	3425.2	3374.2	3322.5	3276.3	3316.3	3289.3	3262.2
7.5°	2843.8	2760.2	2675.9	2605.1	2534.4	2479.6	2424.2	2386.1	2425.5	2420.5	2415.6
10°	2378.7	2297.5	2215.6	2137.4	2059.4	1992.9	1925.8	1869.2	1859.4	1831.0	1802.2
12.5°	2176.8	2065.5	1953.5	1871.7	1789.9	1710.5	1631.1	1564.6	1534.5	1487.8	1440.4
15°	1932.6	1801.0	1669.2	1576.4	1482.8	1405.9	1328.4	1271.2	1252.1	1215.8	1179.5
17.5°	1610.8	1466.8	1322.9	1228.7	1134.0	1072.4	1010.3	972.2	972.2	961.6	951.2
20°	1232.4	1103.8	975.2	903.2	831.2	798.6	765.4	749.4	754.4	754.9	754.9
22.5°	903.9	825.1	746.4	717.4	687.9	676.2	664.5	657.8	660.2	660.8	661.4
25°	711.9	681.7	651.0	636.2	620.8	613.4	606.1	603.5	609.1	609.7	609.7
27.5°	625.2	606.6	587.6	578.4	568.5	565.4	562.4	558.1	563.6	563.6	562.9
30°	581.5	561.7	542.1	530.3	518.7	519.9	520.5	519.3	523.0	525.5	527.3
32.5°	545.8	526.7	507.6	496.0	483.6	481.8	479.9	478.7	486.6	491.0	495.3
35°	513.7	492.9	471.9	460.8	449.8	445.5	441.2	438.1	445.5	451.0	456.6
37.5°	492.2	470.7	448.5	438.1	427.0	421.4	415.9	412.2	415.3	417.8	420.2
40°	475.0	452.8	430.1	417.8	405.5	399.9	394.4	391.3	393.2	393.8	394.4
42.5°	459.0	437.5	415.9	402.4	388.3	381.5	374.7	371.0	372.2	373.5	374.1
45°	447.3	425.8	403.6	387.6	371.0	363.6	356.2	351.9	352.6	352.6	352.6
47.5°	458.4	427.0	395.0	376.5	357.4	348.9	340.3	335.9	334.7	333.5	332.3
50°	499.0	445.5	391.3	368.0	343.9	334.7	324.8	320.0	316.9	315.6	314.4
52.5°	487.3	441.2	394.4	364.2	333.5	322.4	311.3	303.3	300.2	298.4	296.6
55°	446.1	417.1	387.6	351.3	315.0	305.2	294.7	289.2	283.7	282.4	281.1
57.5°	391.9	380.3	368.5	331.6	294.7	285.5	275.6	271.9	267.1	267.1	266.4
60°	327.9	345.1	362.4	320.0	276.9	266.4	256.0	252.9	251.1	250.4	249.8
62.5°	294.7	323.1	350.7	305.8	260.3	249.2	238.1	234.4	233.8	234.4	234.4
65°	266.4	275.0	283.7	262.7	241.8	230.7	219.0	215.4	216.6	218.4	220.3
67.5°	240.6	238.8	236.9	229.5	221.5	212.3	202.4	198.7	199.4	201.8	204.3
70°	215.9	213.5	210.4	204.8	199.4	191.3	183.3	180.9	180.3	183.3	185.8
72.5°	191.3	188.3	184.5	180.3	175.3	168.6	161.8	159.9	160.6	162.5	164.3
75°	164.3	161.8	158.7	155.0	150.7	144.6	138.4	137.2	138.4	140.3	142.2
77.5°	134.7	134.1	132.9	129.9	126.8	120.0	112.6	112.0	113.8	115.7	116.9
80°	105.2	105.8	106.5	104.0	101.5	94.2	86.2	85.5	87.4	89.2	91.1
82.5°	77.5	79.4	80.6	77.5	74.4	65.9	57.2	56.0	62.1	64.0	65.9
85°	44.9	47.4	49.8	47.4	44.9	36.3	27.7	27.1	32.6	35.7	38.8
87.5°	3.7	4.9	6.1	5.5	4.9	2.4	0.0	0.0	0.7	3.1	5.5
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



REPORT NUMBER: P383061
 CATALOG NUMBER: GAN-SA4A-735-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: P383061
 CATALOG NUMBER: GAN-SA4A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4
2.5°	4007.3	3983.3	3975.9	3968.6	3941.5	3913.8	3942.1	3969.8	3981.4	3993.2	3963.0
5°	3258.6	3254.2	3254.2	3253.6	3229.0	3203.8	3222.8	3241.3	3200.1	3158.9	3154.5
7.5°	2442.1	2468.5	2490.0	2511.0	2503.0	2495.0	2512.8	2530.6	2478.4	2425.5	2399.6
10°	1808.3	1813.8	1837.2	1860.6	1866.2	1871.0	1893.2	1914.7	1874.2	1833.6	1815.7
12.5°	1410.8	1381.3	1384.4	1386.8	1397.9	1408.4	1431.8	1454.5	1437.9	1420.7	1422.6
15°	1142.5	1105.0	1089.6	1073.7	1086.0	1098.3	1114.9	1130.9	1131.5	1131.5	1147.5
17.5°	932.8	913.7	898.3	882.3	898.9	914.9	916.7	918.6	919.3	919.8	918.6
20°	764.1	773.4	768.5	763.6	769.7	775.2	780.2	784.5	779.0	772.8	757.4
22.5°	670.1	678.1	684.2	689.7	700.2	710.0	705.1	699.6	688.5	676.8	665.1
25°	615.3	620.8	626.9	633.1	641.7	649.8	641.1	632.5	624.5	616.5	608.5
27.5°	569.2	574.7	580.2	585.1	593.1	600.5	592.6	584.5	577.7	570.9	564.8
30°	531.6	535.3	539.6	543.9	551.3	558.1	551.3	543.9	539.0	533.4	529.1
32.5°	499.6	503.3	505.2	506.9	513.7	520.5	515.6	510.7	506.4	502.1	499.0
35°	464.6	471.9	473.1	474.3	481.1	487.9	484.9	481.1	476.2	471.3	465.8
37.5°	428.9	437.5	442.4	446.7	453.5	460.2	457.1	454.0	447.3	440.5	430.7
40°	398.7	402.4	411.7	420.2	431.3	441.7	435.6	428.9	418.4	407.9	403.0
42.5°	373.5	372.9	381.5	390.1	406.7	422.7	411.7	400.6	390.7	380.8	379.6
45°	351.3	349.5	353.8	358.1	376.0	393.2	382.1	370.4	364.9	359.3	359.3
47.5°	331.6	330.4	333.5	335.9	347.0	357.4	351.9	346.4	343.4	340.3	340.9
50°	313.7	312.5	315.6	318.1	322.4	326.1	327.3	327.9	326.1	324.3	325.5
52.5°	297.2	297.2	298.4	299.0	304.5	310.1	310.1	309.5	309.5	309.5	310.7
55°	283.0	284.2	284.2	284.2	292.9	300.9	298.4	296.0	296.6	296.6	297.8
57.5°	268.8	270.7	271.9	273.2	281.8	290.5	287.9	285.5	285.5	285.5	286.1
60°	252.9	255.3	257.8	260.3	268.8	277.5	275.0	271.9	272.6	273.2	273.8
62.5°	237.5	240.0	242.4	244.9	253.5	262.1	259.6	256.5	258.4	259.6	259.6
65°	222.7	224.6	227.0	229.5	237.5	245.5	243.0	240.6	243.0	244.9	246.1
67.5°	206.2	207.4	209.8	212.3	220.3	228.2	225.8	222.7	225.8	228.2	230.7
70°	187.1	188.3	191.3	193.9	201.8	209.8	206.7	203.6	206.7	209.8	212.3
72.5°	166.1	167.4	170.5	172.9	182.1	191.3	187.6	184.0	187.6	191.3	192.6
75°	143.4	144.6	148.3	151.4	160.6	169.8	166.7	163.0	166.1	169.2	169.8
77.5°	118.8	120.6	125.5	130.4	137.8	145.2	143.4	141.5	143.4	145.2	145.2
80°	92.9	94.7	100.9	106.5	110.8	115.0	115.7	116.3	116.9	117.6	116.9
82.5°	68.9	71.4	76.9	82.4	82.4	82.4	87.4	91.7	91.7	91.1	90.5
85°	42.5	45.6	50.5	55.3	52.3	49.2	57.2	64.6	64.6	64.0	62.8
87.5°	8.6	11.6	16.6	21.0	17.9	14.8	22.7	30.7	31.4	31.4	30.2
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: P383061
 CATALOG NUMBER: GAN-SA4A-735-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: P383061
 CATALOG NUMBER: GAN-SA4A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4
2.5°	3932.2	3980.2	4027.6	4039.9	4058.4	4066.4	4073.8	4134.0	4193.7	4263.9	4334.0
5°	3149.6	3185.3	3221.0	3226.5	3245.6	3255.5	3265.3	3338.5	3411.1	3509.0	3606.8
7.5°	2373.8	2382.3	2391.0	2389.7	2405.7	2427.2	2448.2	2526.4	2603.9	2709.0	2813.6
10°	1797.9	1817.5	1836.6	1854.4	1889.6	1930.2	1970.1	2050.1	2130.1	2234.0	2337.4
12.5°	1424.3	1447.2	1469.2	1489.0	1529.6	1583.7	1637.3	1733.2	1829.2	1953.5	2077.2
15°	1162.9	1161.0	1159.2	1172.7	1208.4	1267.5	1326.0	1427.4	1528.9	1665.5	1801.5
17.5°	917.4	908.2	898.9	909.4	942.6	991.2	1039.2	1125.3	1210.8	1343.1	1475.5
20°	742.1	735.8	729.7	739.6	760.5	780.8	801.1	863.3	924.7	1032.4	1139.5
22.5°	652.8	652.2	651.0	656.5	666.3	676.8	686.6	716.8	746.4	815.8	884.8
25°	600.5	599.9	599.3	601.8	609.7	617.7	625.7	645.5	665.1	698.4	731.5
27.5°	558.6	557.4	556.2	556.8	558.6	570.9	582.7	591.9	600.5	623.3	645.5
30°	524.8	524.2	523.6	523.6	521.8	526.0	530.3	544.5	558.1	581.5	604.9
32.5°	496.0	492.9	489.7	483.0	478.7	484.9	491.0	505.7	520.5	542.1	563.6
35°	459.6	451.6	443.0	439.3	440.0	446.1	452.3	467.0	481.1	504.5	527.3
37.5°	420.2	417.8	414.7	414.1	415.9	422.1	428.2	441.2	453.5	476.9	499.6
40°	398.1	396.8	395.6	394.4	395.6	401.8	407.9	420.2	432.0	454.7	476.9
42.5°	378.4	377.7	377.2	377.2	377.7	384.5	391.3	403.6	415.3	435.6	455.9
45°	359.3	359.9	359.9	361.2	363.0	369.8	376.0	389.5	403.0	422.7	442.4
47.5°	341.5	343.4	344.6	347.7	349.5	356.9	363.6	378.4	393.2	417.8	441.7
50°	326.1	327.9	329.2	331.6	336.6	345.1	353.8	371.6	388.8	430.1	470.7
52.5°	312.0	313.7	315.6	318.1	324.3	334.1	343.9	366.1	387.6	435.6	483.6
55°	299.0	300.9	302.1	305.8	312.0	320.5	328.6	355.7	382.7	417.8	452.8
57.5°	286.7	288.6	289.8	292.2	295.3	304.5	313.2	342.1	371.0	395.6	419.7
60°	273.8	275.0	275.6	275.6	278.1	288.6	299.0	335.9	372.2	368.0	363.0
62.5°	259.6	260.8	261.5	259.6	262.7	273.8	284.9	332.8	380.8	351.3	321.8
65°	246.8	246.1	245.5	243.7	247.3	258.4	268.8	292.9	316.9	305.2	293.5
67.5°	232.6	230.7	228.9	226.5	230.1	240.0	249.2	257.2	265.2	266.4	267.6
70°	214.7	212.3	209.8	209.2	211.0	219.0	227.0	232.6	237.5	240.0	241.8
72.5°	193.9	192.0	190.1	188.9	189.5	196.3	202.4	207.4	212.3	214.2	215.4
75°	170.5	170.5	169.8	166.1	166.1	171.7	176.6	180.9	185.2	187.6	190.1
77.5°	145.2	145.8	145.8	140.9	140.3	145.8	150.7	154.5	157.5	159.9	161.8
80°	116.3	115.0	113.8	110.8	109.5	116.3	122.4	125.5	128.0	128.6	128.6
82.5°	89.2	86.7	83.7	76.9	77.5	84.9	91.7	94.2	96.6	96.6	96.6
85°	60.9	56.0	50.5	44.9	45.6	53.6	60.9	63.3	65.9	67.1	67.7
87.5°	28.9	24.0	18.4	14.2	14.2	21.0	27.1	28.3	29.5	32.0	34.5
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



REPORT NUMBER: P383061
 CATALOG NUMBER: GAN-SA4A-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: P383061
 CATALOG NUMBER: GAN-SA4A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4
2.5°	4387.6	4440.5	4495.2	4550.0	4612.7	4675.5	4748.8	4821.3	4883.5	4945.6	4997.3
5°	3691.1	3775.4	3874.4	3973.4	4099.6	4225.7	4380.1	4533.9	4671.2	4808.4	4967.8
7.5°	2923.8	3033.3	3162.5	3291.7	3454.8	3617.9	3817.8	4017.8	4211.6	4404.7	4649.6
10°	2452.5	2567.5	2694.9	2821.7	2987.8	3153.3	3364.9	3576.0	3793.8	4011.0	4287.9
12.5°	2205.2	2332.5	2444.5	2556.4	2691.2	2825.4	3030.2	3235.2	3491.1	3746.4	4012.8
15°	1941.2	2080.2	2214.4	2348.5	2495.5	2642.0	2841.3	3040.7	3320.7	3600.6	3907.0
17.5°	1621.9	1768.3	1931.9	2095.1	2286.9	2478.4	2733.7	2989.1	3320.7	3651.7	4012.8
20°	1289.0	1438.5	1634.2	1829.8	2068.6	2306.7	2637.7	2968.7	3415.4	3861.5	4322.3
22.5°	1017.1	1148.7	1362.2	1575.2	1850.8	2126.4	2550.9	2974.9	3558.8	4142.0	4764.1
25°	824.5	917.4	1127.2	1336.4	1654.5	1972.6	2498.0	3022.9	3767.4	4511.2	5282.8
27.5°	706.3	767.2	962.9	1157.9	1505.6	1852.6	2476.5	3099.7	4031.9	4964.0	5847.0
30°	647.2	689.7	855.3	1020.1	1373.3	1726.4	2450.6	3174.8	4286.6	5397.9	6288.1
32.5°	598.1	631.9	773.4	914.3	1258.9	1603.4	2400.8	3197.6	4464.4	5731.3	6661.6
35°	556.2	584.5	707.6	830.7	1169.0	1507.4	2317.1	3126.8	4575.9	6024.8	7050.5
37.5°	522.4	544.5	658.3	772.2	1091.5	1410.8	2221.7	3032.7	4674.9	6317.0	7488.0
40°	496.0	515.0	621.4	727.9	1017.7	1307.4	2140.0	2971.8	4811.4	6651.2	7950.0
42.5°	481.1	505.7	589.4	672.5	947.6	1222.6	2074.1	2925.6	4938.2	6950.2	8354.2
45°	477.4	512.5	572.8	633.1	895.2	1157.4	2015.7	2873.4	5020.0	7166.8	8658.8
47.5°	471.3	500.2	559.9	619.6	869.4	1118.6	1984.3	2849.3	5101.9	7353.8	8911.7
50°	475.0	478.7	549.4	619.6	865.7	1111.8	2020.0	2928.1	5279.1	7629.5	9200.9
52.5°	468.2	452.3	529.8	607.3	865.0	1122.9	2122.7	3122.5	5608.3	8093.4	9514.1
55°	432.5	411.7	492.9	574.0	852.2	1129.7	2245.1	3360.0	6050.0	8739.4	10077.0
57.5°	401.1	382.1	451.0	519.3	812.8	1106.3	2371.3	3635.6	6517.0	9397.7	10711.4
60°	359.3	355.0	404.2	453.5	751.9	1049.7	2475.3	3900.2	6830.9	9760.8	10955.7
62.5°	324.8	327.3	363.6	399.9	675.6	950.6	2509.7	4068.3	6822.2	9576.2	10709.5
65°	298.4	302.8	338.4	374.1	610.3	846.6	2396.5	3945.8	6477.1	9007.7	10222.8
67.5°	272.6	277.5	320.0	361.8	552.5	742.6	2113.5	3483.7	5856.2	8228.1	9603.9
70°	248.0	254.1	300.2	346.4	510.7	674.3	1748.6	2822.9	5079.1	7334.7	8887.1
72.5°	221.5	227.7	276.9	326.1	484.2	641.7	1425.6	2208.9	4121.7	6034.0	7601.8
75°	194.4	198.7	252.3	305.2	447.9	590.7	1118.6	1645.9	3154.5	4663.2	5741.8
77.5°	167.4	172.9	217.8	262.1	380.3	497.7	843.0	1188.1	2314.7	3440.7	3993.2
80°	133.5	138.4	170.5	201.8	293.5	384.5	579.6	774.7	1592.9	2411.3	2722.6
82.5°	102.1	107.7	129.2	150.2	209.2	268.3	351.3	434.4	1058.2	1681.5	1707.4
85°	70.1	72.0	87.4	102.1	129.2	156.3	201.2	246.1	700.2	1154.3	961.6
87.5°	35.0	35.0	45.6	56.0	69.5	83.1	106.5	129.2	223.9	318.7	183.3
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: P383061
 CATALOG NUMBER: GAN-SA4A-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: P383061
 CATALOG NUMBER: GAN-SA4A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4
2.5°	5063.1	5108.0	5153.6	5188.1	5223.1	5273.6	5324.0	5333.2	5343.1	5323.4	5303.7
5°	5128.4	5264.4	5400.9	5527.1	5653.2	5728.8	5804.6	5819.9	5835.3	5787.9	5739.9
7.5°	4886.5	5123.4	5360.3	5577.5	5794.7	5926.3	6058.6	6088.1	6118.3	6040.8	5963.3
10°	4563.6	4854.6	5145.6	5431.7	5717.7	5909.1	6100.5	6138.6	6176.8	6080.2	5983.6
12.5°	4313.7	4624.4	4935.2	5236.6	5538.7	5736.8	5935.0	5982.3	6029.7	5959.6	5888.8
15°	4236.8	4529.1	4821.3	5084.0	5347.4	5509.2	5671.6	5690.7	5710.4	5699.3	5688.2
17.5°	4376.5	4640.4	4905.0	5047.8	5191.1	5255.7	5320.9	5341.9	5363.4	5391.1	5419.4
20°	4714.8	4900.7	5087.1	5080.9	5074.2	5042.8	5010.8	5005.3	4999.7	5079.1	5159.1
22.5°	5220.0	5293.9	5368.3	5195.4	5022.5	4917.3	4811.4	4790.6	4769.1	4853.3	4938.2
25°	5768.2	5754.7	5740.6	5411.4	5081.6	4881.0	4680.4	4657.0	4633.6	4705.6	4778.3
27.5°	6310.9	6222.3	6133.7	5686.4	5239.1	4948.1	4657.0	4633.6	4610.3	4674.2	4738.2
30°	6709.0	6566.9	6424.7	5918.4	5412.0	5066.2	4720.4	4682.2	4643.5	4722.3	4801.0
32.5°	7019.7	6829.0	6638.2	6106.7	5575.0	5200.9	4826.8	4767.2	4707.5	4812.7	4917.9
35°	7329.8	7061.5	6792.7	6274.6	5755.9	5360.3	4964.0	4890.8	4817.6	4962.3	5106.8
37.5°	7719.9	7334.7	6949.0	6463.4	5978.0	5599.1	5219.4	5144.4	5069.3	5253.3	5437.8
40°	8143.2	7629.5	7115.7	6670.3	6224.8	5929.4	5633.4	5562.1	5490.2	5714.1	5938.1
42.5°	8495.2	7903.9	7312.6	6919.4	6525.7	6317.7	6109.1	6108.4	6107.2	6334.2	6561.4
45°	8781.2	8132.8	7483.6	7162.5	6840.6	6732.4	6624.0	6710.9	6797.6	7002.4	7207.9
47.5°	8994.7	8324.7	7654.1	7440.6	7227.0	7243.1	7259.1	7435.6	7612.2	7743.9	7876.1
50°	9133.8	8498.8	7863.3	7797.4	7731.6	7874.9	8018.9	8221.4	8424.4	8514.3	8604.1
52.5°	9336.2	8735.1	8133.3	8207.2	8281.0	8573.9	8866.7	9071.7	9276.5	9309.8	9343.6
55°	9804.4	9169.5	8533.9	8675.4	8817.6	9247.0	9677.1	9837.0	9997.0	10009.3	10021.7
57.5°	10469.6	9778.0	9086.4	9239.0	9391.6	9887.5	10384.1	10556.3	10729.2	10705.3	10680.6
60°	10967.3	10355.7	9743.5	9897.3	10051.2	10534.8	11018.4	11216.5	11415.3	11362.4	11309.5
62.5°	10998.1	10671.3	10344.1	10483.1	10622.8	11096.5	11570.3	11773.9	11977.7	11885.3	11793.0
65°	10509.0	10655.4	10801.9	10848.0	10894.1	11335.9	11778.3	11934.0	12090.2	12043.4	11996.7
67.5°	9835.2	10374.8	10915.0	10822.2	10729.2	10936.6	11143.9	11304.5	11465.1	11438.7	11411.6
70°	9162.7	9883.2	10603.7	10147.2	9690.1	9604.4	9518.9	9691.8	9865.4	9758.3	9650.6
72.5°	8017.6	8785.5	9554.0	8713.0	7871.9	7579.6	7287.3	7507.0	7726.6	7556.2	7385.2
75°	6293.7	7142.2	7991.2	6987.7	5984.2	5594.1	5204.0	5392.9	5581.8	5464.9	5347.4
77.5°	4685.3	5521.5	6357.6	5337.5	4316.8	4027.0	3736.6	3792.6	3849.2	3829.5	3809.2
80°	3177.9	3760.6	4343.9	3664.6	2985.3	3007.5	3030.2	3003.8	2976.7	3016.1	3055.5
82.5°	2028.0	2477.7	2928.1	2567.5	2207.0	2413.7	2620.4	2518.9	2416.8	2454.3	2492.4
85°	1157.4	1597.2	2037.8	1899.3	1760.3	1880.9	2002.1	1844.6	1687.1	1756.0	1825.6
87.5°	305.2	883.6	1462.5	1327.7	1193.0	1036.7	880.5	671.9	463.3	676.8	890.3
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: P383061
 CATALOG NUMBER: GAN-SA4A-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°	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4
2.5°	5293.2	5282.8	5245.3	5207.1	5150.5	5103.8	5022.5
5°	5673.5	5607.0	5492.6	5377.5	5249.6	5102.5	4939.4
7.5°	5808.2	5652.5	5432.9	5212.7	5014.5	4781.9	4565.3
10°	5751.0	5517.8	5232.3	4946.2	4705.6	4438.0	4197.5
12.5°	5641.5	5393.6	5079.1	4764.1	4490.3	4203.0	3933.5
15°	5490.7	5292.6	4997.9	4703.2	4427.6	4148.2	3828.8
17.5°	5325.8	5231.7	5018.8	4805.3	4566.6	4295.8	3921.2
20°	5192.9	5227.4	5142.5	5057.6	4866.2	4630.0	4209.1
22.5°	5103.1	5268.6	5333.9	5399.7	5284.6	5100.0	4613.4
25°	5052.6	5327.1	5545.5	5764.5	5713.5	5571.3	5104.3
27.5°	5074.8	5411.4	5750.4	6090.0	6137.4	6098.0	5621.8
30°	5141.3	5482.2	5895.0	6308.4	6497.4	6550.3	6053.1
32.5°	5252.0	5586.1	6035.9	6486.3	6771.8	6940.3	6447.5
35°	5419.4	5731.9	6200.8	6669.6	7038.8	7346.4	6854.8
37.5°	5706.7	5975.6	6408.1	6841.3	7319.9	7782.1	7303.3
40°	6127.5	6317.7	6683.1	7049.2	7651.6	8275.5	7803.6
42.5°	6658.5	6756.3	7046.1	7335.9	7998.0	8723.4	8292.7
45°	7233.8	7259.6	7441.8	7624.5	8272.4	9028.6	8660.0
47.5°	7787.6	7699.0	7771.5	7844.2	8482.9	9246.4	8938.8
50°	8357.3	8110.6	8072.4	8034.3	8693.3	9503.0	9293.1
52.5°	8936.9	8530.2	8379.5	8228.1	8944.3	9843.2	9734.3
55°	9504.2	8986.7	8783.7	8580.7	9328.2	10258.5	10382.2
57.5°	10094.2	9507.8	9319.6	9131.3	9892.5	10784.6	10963.7
60°	10729.2	10148.4	9997.6	9846.3	10593.8	11353.1	11222.6
62.5°	11331.5	10870.1	10790.8	10710.7	11303.3	11789.9	11121.7
65°	11734.0	11470.6	11544.5	11618.9	11839.8	11898.8	10826.4
67.5°	11465.1	11518.6	11830.6	12143.1	11991.2	11575.2	10244.4
70°	9971.2	10292.4	11031.3	11770.8	11433.7	10708.3	9199.6
72.5°	7745.7	8106.9	9204.0	10301.6	9990.8	9102.4	7556.2
75°	5754.7	6162.7	7373.5	8584.4	8153.1	6808.7	5410.1
77.5°	4082.3	4355.5	5551.0	6747.1	6043.9	4532.2	3640.6
80°	2971.8	2888.1	3554.4	4220.8	4103.9	2997.6	2338.1
82.5°	2288.3	2084.0	2397.7	2711.5	2694.3	2080.2	1715.4
85°	1743.7	1661.9	1939.4	2216.8	1979.4	1409.0	1090.3
87.5°	1016.4	1143.2	1469.9	1797.2	1348.7	427.6	211.6
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)