

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: P382949

Luminaire Tested: **GAN-SA3A-735-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P382949
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-SA3A-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 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: 11646.2 lumens
Efficiency: N/A
Efficacy: 121.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

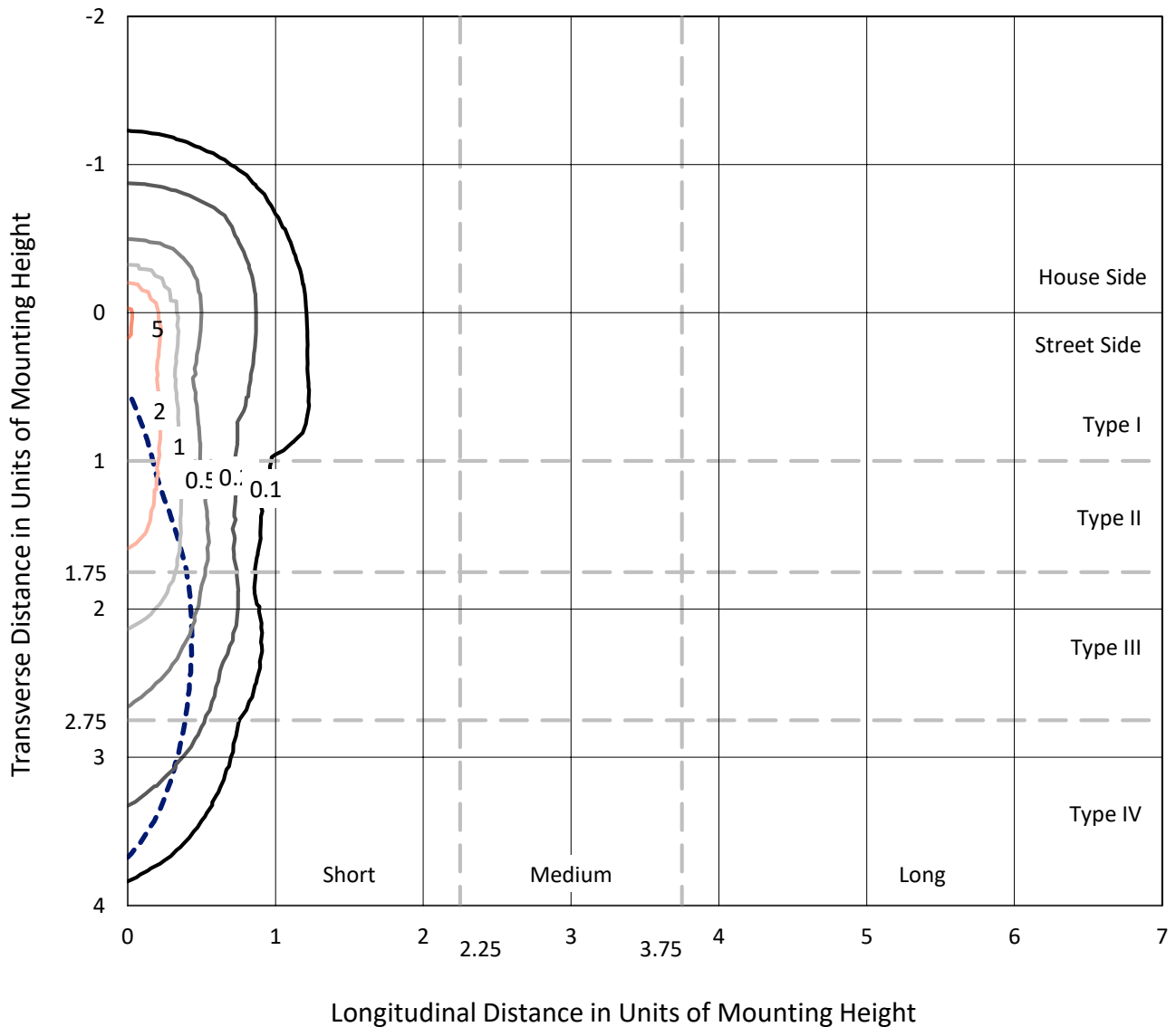
Input Watts (W): 96
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

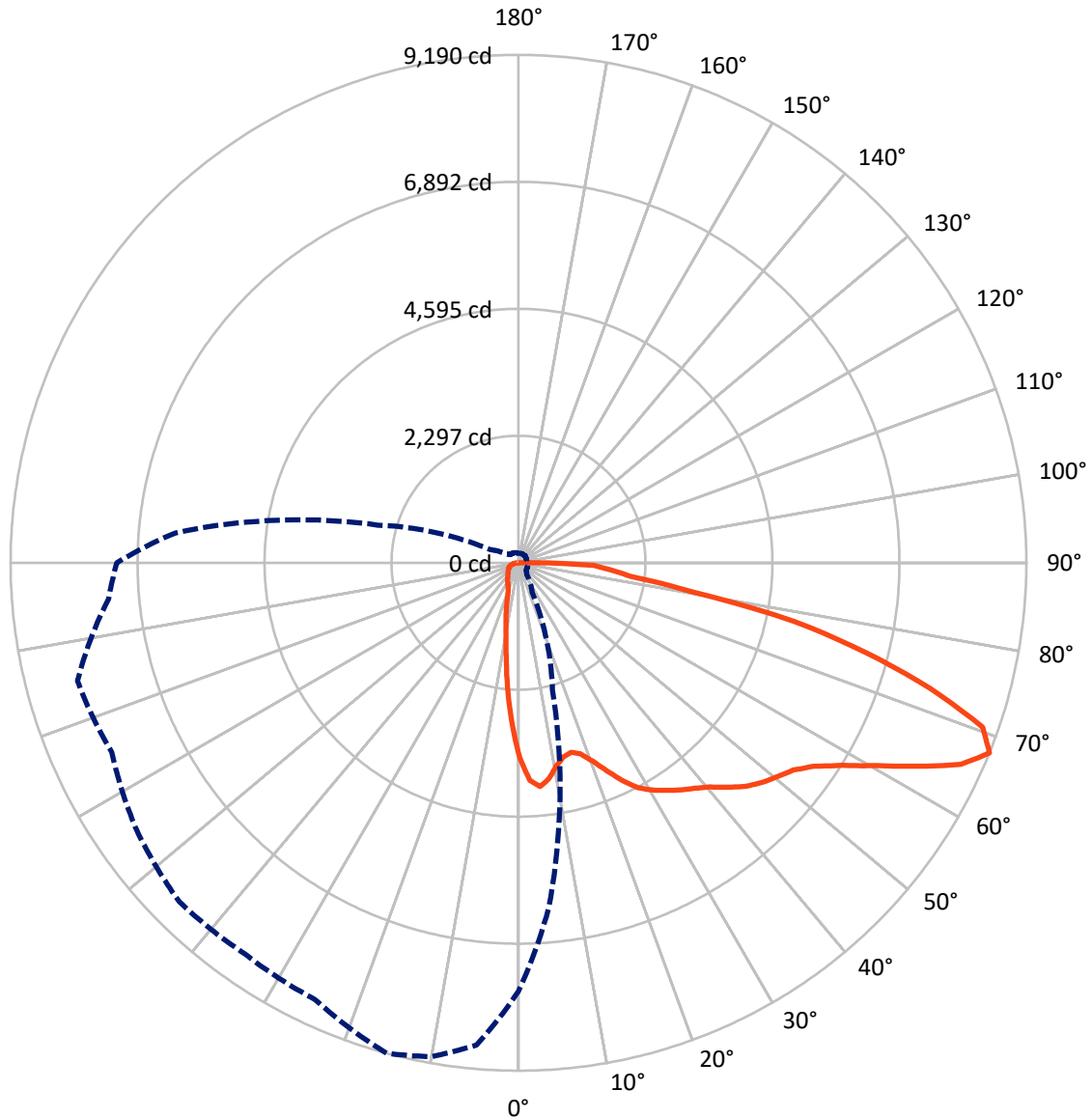
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.7 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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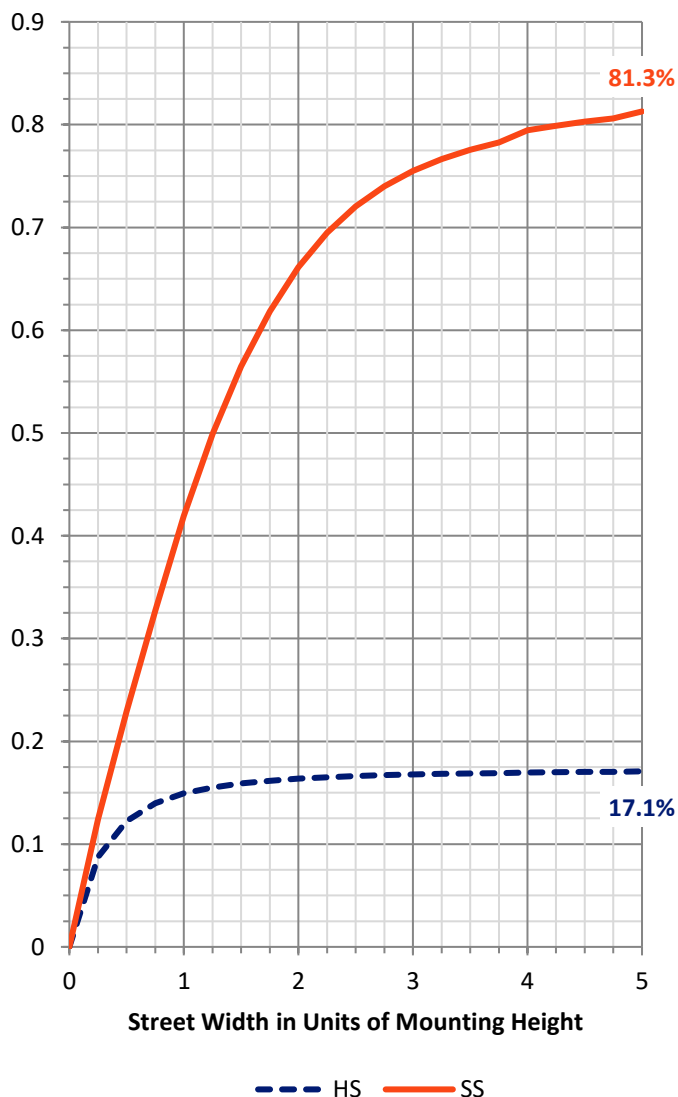
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2013.4	0.0	2013.4
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	9632.8	0.0	9632.8
	% Fixture	82.7	0.0	82.7
Total	Lumens	11646.2	0.0	11646.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	273.8	2.4
10°-20°	568.9	4.9
20°-30°	809.0	6.9
30°-40°	1165.8	10.0
40°-50°	1643.0	14.1
50°-60°	2284.0	19.6
60°-70°	2762.1	23.7
70°-80°	1697.8	14.6
80°-90°	441.8	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°	11646.2	100.0
0°-180°	11646.2	100.0

Coefficient of Utilization

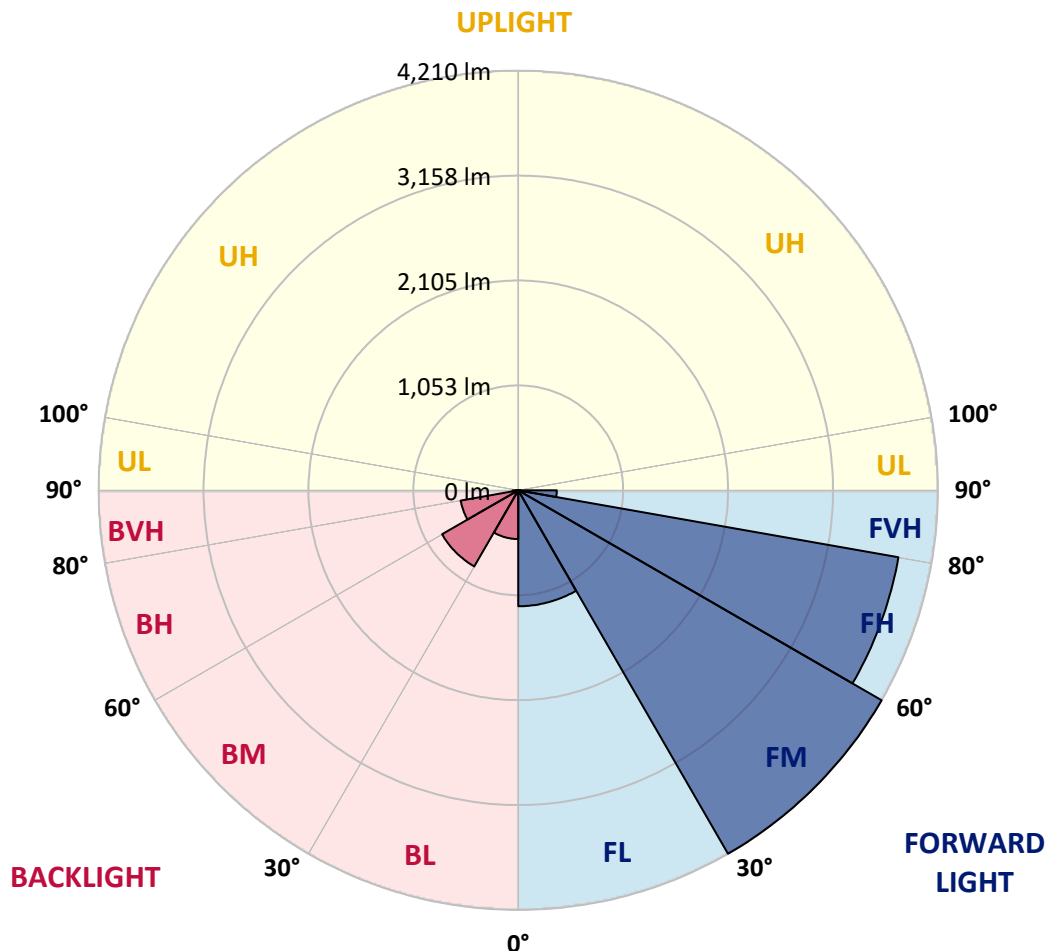


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1162.9	10.0			
FM (30°-60°)	4210.4	36.2			
FH (60°-80°)	3873.1	33.3			G2/5000
FVH (80°-90°)	386.4	3.3			G3/500
BL (0°-30°)	488.8	4.2	B1/500		
BM (30°-60°)	882.4	7.6	B1/1000		
BH (60°-80°)	586.7	5.0	B2/1000		G2/1000
BVH (80°-90°)	55.4	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-G3
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1
2.5°	3800.9	3767.4	3716.7	3665.9	3628.2	3590.0	3546.7	3503.4	3454.1	3404.2	3374.9
5°	3738.1	3645.0	3523.9	3402.9	3322.7	3242.6	3151.9	3061.1	2971.2	2881.3	2832.9
7.5°	3455.0	3315.3	3157.9	3000.5	2884.1	2767.3	2641.5	2515.4	2403.6	2291.3	2222.0
10°	3176.5	3008.9	2828.3	2647.1	2498.1	2349.1	2223.0	2096.3	2012.0	1927.7	1863.9
12.5°	2976.8	2791.0	2592.1	2392.9	2243.9	2094.9	2014.8	1934.7	1864.9	1795.0	1721.4
15°	2897.6	2687.6	2484.2	2280.1	2144.7	2009.2	1920.3	1830.9	1737.2	1643.2	1552.9
17.5°	2967.4	2721.6	2500.5	2279.2	2101.9	1924.5	1800.1	1675.3	1552.0	1428.5	1323.8
20°	3185.3	2871.5	2582.3	2292.7	2056.7	1820.6	1654.0	1486.7	1328.5	1170.1	1051.4
22.5°	3491.3	3076.0	2698.3	2320.7	2015.7	1710.2	1501.2	1291.7	1104.4	917.3	800.9
25°	3862.8	3347.0	2865.4	2383.6	1998.9	1613.9	1356.8	1099.8	902.4	704.5	621.6
27.5°	4254.5	3670.1	3073.2	2475.8	2001.7	1527.7	1235.3	942.4	764.5	586.7	529.9
30°	4580.9	4039.4	3315.3	2590.7	2012.4	1434.1	1120.7	807.4	660.7	514.0	477.2
32.5°	4879.4	4296.9	3497.8	2698.3	2024.5	1350.4	1032.3	713.8	594.1	474.0	443.8
35°	5187.6	4525.5	3625.4	2724.9	2003.6	1281.9	971.8	661.7	551.3	440.5	414.9
37.5°	5527.1	4772.7	3748.4	2723.5	1968.2	1213.0	924.7	636.1	523.3	410.3	391.6
40°	5905.5	5046.0	3881.5	2717.0	1936.1	1154.7	889.8	624.4	508.0	391.2	375.3
42.5°	6275.7	5306.7	4005.4	2703.9	1910.0	1115.6	855.3	595.1	494.0	392.6	370.2
45°	6553.7	5534.5	4112.9	2690.9	1890.5	1090.0	828.3	566.7	481.0	395.3	366.9
47.5°	6764.7	5763.1	4232.1	2700.6	1888.6	1076.5	809.2	542.0	456.3	370.2	358.6
50°	7032.9	6037.8	4405.8	2773.8	1914.2	1054.6	786.9	518.7	432.6	346.4	362.3
52.5°	7366.8	6429.9	4674.9	2919.5	1967.7	1016.0	751.6	487.0	403.7	319.9	344.6
55°	7857.0	6932.3	5019.0	3105.3	2032.5	959.2	698.0	436.3	365.5	294.3	316.2
57.5°	8297.0	7439.8	5349.1	3258.0	2073.0	887.5	630.5	373.5	322.7	271.9	284.5
60°	8493.1	7701.5	5503.8	3305.5	2048.8	792.0	554.6	316.6	285.0	253.3	251.0
62.5°	8416.7	7535.3	5351.5	3167.6	1930.5	693.4	487.5	281.7	257.9	233.7	228.6
65°	8193.2	7012.9	4925.0	2837.1	1730.7	624.4	445.2	265.9	239.3	212.8	207.2
67.5°	7752.7	6269.2	4320.6	2371.9	1477.0	582.0	421.0	259.8	227.7	195.1	188.5
70°	6962.1	5374.3	3624.5	1874.2	1215.3	555.9	405.1	254.2	215.1	175.5	169.4
72.5°	5718.4	4309.0	2894.3	1479.3	1016.0	552.7	403.3	253.8	204.8	155.9	150.4
75°	4094.2	3272.9	2209.4	1145.4	832.1	518.7	382.8	246.8	190.9	134.6	129.5
77.5°	2755.1	2265.2	1535.7	805.5	617.4	429.4	321.8	214.2	163.4	112.7	107.6
80°	1769.4	1567.8	1029.1	490.3	400.5	310.6	230.0	149.5	119.2	88.5	84.3
82.5°	1298.2	1166.9	715.2	263.5	222.5	181.1	140.7	100.1	81.5	62.9	61.0
85°	825.1	909.8	526.6	143.5	117.4	91.3	75.5	59.6	47.0	34.5	34.5
87.5°	160.1	221.6	145.8	69.4	50.8	32.1	27.5	22.4	12.6	2.3	2.8
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°	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1
2.5°	3345.1	3313.0	3280.8	3244.5	3207.7	3173.7	3139.3	3101.6	3108.6	3079.7	3050.8
5°	2784.5	2733.3	2681.6	2636.8	2592.1	2553.6	2514.4	2479.5	2509.8	2489.3	2468.8
7.5°	2152.2	2088.8	2025.0	1971.4	1918.0	1876.5	1834.6	1805.7	1835.5	1831.8	1828.1
10°	1800.1	1738.6	1676.7	1617.6	1558.5	1508.2	1457.4	1414.6	1407.1	1385.7	1363.8
12.5°	1647.4	1563.1	1478.4	1416.4	1354.5	1294.5	1234.4	1184.1	1161.3	1125.9	1090.0
15°	1462.5	1362.9	1263.3	1192.9	1122.1	1063.9	1005.3	962.0	947.6	920.1	892.6
17.5°	1219.0	1110.0	1001.1	929.9	858.1	811.6	764.5	735.7	735.7	727.8	719.9
20°	932.7	835.3	738.1	683.6	629.1	604.4	579.2	567.1	570.9	571.3	571.3
22.5°	684.0	624.4	564.8	542.9	520.5	511.7	502.8	497.7	499.6	500.1	500.5
25°	538.7	515.9	492.6	481.4	469.8	464.2	458.6	456.7	460.9	461.4	461.4
27.5°	473.0	459.1	444.7	437.7	430.3	428.0	425.6	422.4	426.6	426.6	426.1
30°	440.1	425.2	410.3	401.4	392.6	393.5	394.0	393.0	395.8	397.7	399.1
32.5°	413.0	398.6	384.2	375.3	366.0	364.6	363.2	362.3	368.3	371.6	374.9
35°	388.8	373.0	357.2	348.8	340.4	337.1	333.9	331.5	337.1	341.3	345.5
37.5°	372.5	356.2	339.5	331.5	323.2	319.0	314.8	312.0	314.3	316.2	318.0
40°	359.5	342.7	325.5	316.2	306.9	302.7	298.5	296.1	297.5	298.0	298.5
42.5°	347.4	331.1	314.8	304.5	293.8	288.7	283.6	280.8	281.7	282.6	283.1
45°	338.5	322.2	305.5	293.3	280.8	275.2	269.6	266.3	266.8	266.8	266.8
47.5°	346.9	323.2	298.9	285.0	270.5	264.0	257.5	254.2	253.3	252.4	251.4
50°	377.6	337.1	296.1	278.4	260.3	253.3	245.8	242.1	239.8	238.8	237.9
52.5°	368.8	333.9	298.5	275.6	252.4	244.0	235.6	229.5	227.2	225.8	224.4
55°	337.6	315.7	293.3	265.9	238.4	230.9	223.0	218.8	214.6	213.7	212.8
57.5°	296.6	287.8	278.9	251.0	223.0	216.0	208.6	205.8	202.1	202.1	201.6
60°	248.2	261.2	274.2	242.1	209.5	201.6	193.7	191.3	189.9	189.5	189.0
62.5°	223.0	244.4	265.4	231.4	196.9	188.5	180.2	177.4	176.9	177.4	177.4
65°	201.6	208.1	214.6	198.8	183.0	174.6	165.7	162.9	163.9	165.3	166.7
67.5°	182.0	180.6	179.2	173.6	167.6	160.6	153.1	150.4	150.8	152.7	154.5
70°	163.4	161.5	159.2	155.0	150.8	144.9	138.8	136.9	136.5	138.8	140.7
72.5°	144.9	142.5	139.7	136.5	132.7	127.6	122.5	121.1	121.6	123.0	124.4
75°	124.4	122.5	120.2	117.4	114.1	109.5	104.8	103.9	104.8	106.2	107.6
77.5°	102.0	101.5	100.6	98.3	95.9	90.8	85.2	84.8	86.2	87.6	88.5
80°	79.6	80.1	80.6	78.7	76.9	71.3	65.2	64.7	66.1	67.5	68.9
82.5°	58.7	60.1	61.0	58.7	56.4	49.8	43.3	42.4	47.0	48.4	49.8
85°	34.0	35.9	37.7	35.9	34.0	27.5	21.0	20.5	24.7	27.0	29.3
87.5°	2.8	3.7	4.7	4.2	3.7	1.9	0.0	0.0	0.5	2.3	4.2
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: GAN-SA3A-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: P382949

CATALOG NUMBER: GAN-SA3A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1
2.5°	3032.7	3014.5	3008.9	3003.3	2982.8	2961.9	2983.3	3004.2	3013.1	3021.9	2999.1
5°	2466.0	2462.7	2462.7	2462.3	2443.6	2424.5	2439.0	2453.0	2421.7	2390.5	2387.3
7.5°	1848.1	1868.1	1884.4	1900.3	1894.2	1888.2	1901.7	1915.2	1875.6	1835.5	1816.0
10°	1368.4	1372.6	1390.3	1408.0	1412.2	1416.0	1432.7	1449.0	1418.3	1387.5	1374.0
12.5°	1067.6	1045.4	1047.7	1049.6	1057.9	1065.8	1083.5	1100.7	1088.1	1075.1	1076.5
15°	864.7	836.3	824.6	812.5	821.8	831.1	843.7	855.8	856.3	856.3	868.4
17.5°	705.9	691.5	679.8	667.7	680.3	692.4	693.8	695.2	695.7	696.1	695.2
20°	578.3	585.3	581.6	577.8	582.5	586.7	590.4	593.7	589.5	584.8	573.2
22.5°	507.0	513.1	517.8	521.9	529.9	537.3	533.6	529.4	521.0	512.2	503.3
25°	465.6	469.8	474.4	479.1	485.6	491.7	485.1	478.6	472.6	466.5	460.5
27.5°	430.7	434.9	439.1	442.9	448.9	454.4	448.4	442.4	437.3	432.1	427.5
30°	402.3	405.1	408.4	411.7	417.2	422.4	417.2	411.7	407.9	403.7	400.5
32.5°	378.1	380.9	382.3	383.7	388.8	394.0	390.2	386.5	383.2	380.0	377.6
35°	351.6	357.2	358.1	359.0	364.1	369.3	366.9	364.1	360.4	356.7	352.5
37.5°	324.6	331.1	334.8	338.1	343.2	348.3	346.0	343.6	338.5	333.4	325.9
40°	301.7	304.5	311.5	318.0	326.4	334.3	329.7	324.6	316.6	308.7	305.0
42.5°	282.6	282.2	288.7	295.2	307.8	319.9	311.5	303.1	295.7	288.2	287.3
45°	265.9	264.5	267.7	271.0	284.5	297.5	289.2	280.3	276.1	271.9	271.9
47.5°	251.0	250.0	252.4	254.2	262.6	270.5	266.3	262.1	259.8	257.5	257.9
50°	237.5	236.5	238.8	240.7	244.0	246.8	247.7	248.2	246.8	245.4	246.3
52.5°	224.9	224.9	225.8	226.3	230.5	234.7	234.7	234.2	234.2	234.2	235.1
55°	214.2	215.1	215.1	215.1	221.6	227.7	225.8	223.9	224.4	224.4	225.3
57.5°	203.4	204.8	205.8	206.7	213.2	219.8	217.9	216.0	216.0	216.0	216.5
60°	191.3	193.2	195.1	196.9	203.4	210.0	208.1	205.8	206.2	206.7	207.2
62.5°	179.7	181.6	183.4	185.3	191.8	198.3	196.5	194.1	195.5	196.5	196.5
65°	168.5	169.9	171.8	173.6	179.7	185.8	183.9	182.0	183.9	185.3	186.2
67.5°	155.9	156.9	158.7	160.6	166.7	172.7	170.8	168.5	170.8	172.7	174.6
70°	141.6	142.5	144.9	146.7	152.7	158.7	156.4	154.1	156.4	158.7	160.6
72.5°	125.8	126.7	129.0	130.9	137.9	144.9	142.1	139.3	142.1	144.9	145.8
75°	108.5	109.5	112.3	114.6	121.6	128.6	126.2	123.4	125.8	128.1	128.6
77.5°	89.9	91.3	95.0	98.7	104.3	109.9	108.5	107.1	108.5	109.9	109.9
80°	70.3	71.7	76.4	80.6	83.8	87.1	87.6	88.0	88.5	89.0	88.5
82.5°	52.2	54.0	58.2	62.4	62.4	62.4	66.1	69.4	69.4	68.9	68.5
85°	32.1	34.5	38.2	41.9	39.6	37.3	43.3	48.9	48.9	48.4	47.5
87.5°	6.5	8.8	12.6	15.8	13.5	11.2	17.2	23.3	23.8	23.8	22.8
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: P382949
 CATALOG NUMBER: GAN-SA3A-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: P382949
 CATALOG NUMBER: GAN-SA3A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1
2.5°	2975.8	3012.2	3048.0	3057.3	3071.3	3077.4	3083.0	3128.6	3173.7	3226.8	3279.9
5°	2383.6	2410.6	2437.6	2441.8	2456.2	2463.7	2471.1	2526.5	2581.4	2655.5	2729.5
7.5°	1796.4	1802.9	1809.4	1808.5	1820.6	1836.9	1852.8	1911.9	1970.5	2050.1	2129.3
10°	1360.5	1375.4	1389.9	1403.4	1429.9	1460.7	1490.9	1551.5	1612.0	1690.7	1768.9
12.5°	1077.9	1095.1	1111.9	1126.8	1157.5	1198.5	1239.1	1311.7	1384.3	1478.4	1572.0
15°	880.0	878.6	877.2	887.5	914.5	959.2	1003.5	1080.2	1157.1	1260.5	1363.3
17.5°	694.3	687.3	680.3	688.2	713.4	750.2	786.4	851.6	916.4	1016.5	1116.6
20°	561.5	556.9	552.2	559.7	575.5	590.9	606.3	653.3	699.9	781.3	862.3
22.5°	494.0	493.5	492.6	496.8	504.2	512.2	519.6	542.4	564.8	617.4	669.6
25°	454.4	453.9	453.5	455.3	461.4	467.5	473.5	488.4	503.3	528.5	553.6
27.5°	422.8	421.9	421.0	421.4	422.8	432.1	441.0	448.0	454.4	471.6	488.4
30°	397.2	396.7	396.3	396.3	394.9	398.1	401.4	412.1	422.4	440.1	457.7
32.5°	375.3	373.0	370.7	365.5	362.3	366.9	371.6	382.8	394.0	410.3	426.6
35°	347.8	341.8	335.3	332.5	332.9	337.6	342.3	353.4	364.1	381.8	399.1
37.5°	318.0	316.2	313.8	313.4	314.8	319.4	324.1	333.9	343.2	360.9	378.1
40°	301.3	300.3	299.4	298.5	299.4	304.1	308.7	318.0	326.9	344.1	360.9
42.5°	286.4	285.9	285.4	285.4	285.9	291.0	296.1	305.5	314.3	329.7	345.0
45°	271.9	272.4	272.4	273.3	274.7	279.8	284.5	294.7	305.0	319.9	334.8
47.5°	258.4	259.8	260.7	263.1	264.5	270.1	275.2	286.4	297.5	316.2	334.3
50°	246.8	248.2	249.1	251.0	254.7	261.2	267.7	281.2	294.3	325.5	356.2
52.5°	236.1	237.5	238.8	240.7	245.4	252.8	260.3	277.0	293.3	329.7	366.0
55°	226.3	227.7	228.6	231.4	236.1	242.6	248.6	269.1	289.6	316.2	342.7
57.5°	217.0	218.4	219.3	221.1	223.5	230.5	237.0	258.9	280.8	299.4	317.6
60°	207.2	208.1	208.6	208.6	210.4	218.4	226.3	254.2	281.7	278.4	274.7
62.5°	196.5	197.4	197.9	196.5	198.8	207.2	215.6	251.9	288.2	265.9	243.5
65°	186.7	186.2	185.8	184.4	187.1	195.5	203.4	221.6	239.8	230.9	222.1
67.5°	176.0	174.6	173.2	171.3	174.1	181.6	188.5	194.6	200.7	201.6	202.5
70°	162.5	160.6	158.7	158.3	159.7	165.7	171.8	176.0	179.7	181.6	183.0
72.5°	146.7	145.3	143.9	143.0	143.5	148.6	153.1	156.9	160.6	162.0	162.9
75°	129.0	129.0	128.6	125.8	125.8	130.0	133.7	136.9	140.2	142.1	143.9
77.5°	109.9	110.4	110.4	106.7	106.2	110.4	114.1	116.9	119.2	121.1	122.5
80°	88.0	87.1	86.2	83.8	82.9	88.0	92.7	95.0	96.9	97.3	97.3
82.5°	67.5	65.7	63.3	58.2	58.7	64.3	69.4	71.3	73.1	73.1	73.1
85°	46.1	42.4	38.2	34.0	34.5	40.5	46.1	48.0	49.8	50.8	51.2
87.5°	21.9	18.2	14.0	10.7	10.7	15.8	20.5	21.4	22.4	24.2	26.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P382949
 CATALOG NUMBER: GAN-SA3A-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: P382949

CATALOG NUMBER: GAN-SA3A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1
2.5°	3320.4	3360.5	3401.9	3443.4	3490.8	3538.3	3593.7	3648.7	3695.7	3742.8	3781.8
5°	2793.3	2857.1	2932.0	3007.0	3102.5	3197.9	3314.8	3431.3	3535.0	3638.9	3759.5
7.5°	2212.7	2295.5	2393.3	2491.1	2614.5	2737.9	2889.2	3040.6	3187.2	3333.4	3518.7
10°	1856.0	1943.1	2039.4	2135.4	2261.1	2386.3	2546.6	2706.2	2871.0	3035.4	3245.0
12.5°	1668.8	1765.2	1850.0	1934.7	2036.6	2138.2	2293.2	2448.3	2642.0	2835.3	3036.8
15°	1469.1	1574.3	1675.8	1777.3	1888.6	1999.4	2150.3	2301.1	2513.0	2724.9	2956.7
17.5°	1227.4	1338.3	1462.1	1585.5	1730.7	1875.6	2068.8	2262.0	2513.0	2763.5	3036.8
20°	975.5	1088.6	1236.7	1384.7	1565.5	1745.6	1996.1	2246.7	2584.7	2922.3	3271.0
22.5°	769.6	869.3	1030.9	1192.0	1400.6	1609.2	1930.5	2251.4	2693.2	3134.7	3605.4
25°	624.0	694.3	853.0	1011.4	1252.1	1492.8	1890.5	2287.6	2851.1	3414.0	3997.9
27.5°	534.5	580.6	728.7	876.3	1139.4	1402.0	1874.2	2345.8	3051.3	3756.7	4424.9
30°	489.8	521.9	647.2	772.0	1039.3	1306.6	1854.6	2402.6	3244.0	4084.9	4758.7
32.5°	452.5	478.2	585.3	692.0	952.7	1213.4	1816.9	2419.9	3378.6	4337.4	5041.3
35°	421.0	442.4	535.5	628.6	884.7	1140.8	1753.5	2366.3	3462.8	4559.5	5335.6
37.5°	395.3	412.1	498.2	584.4	826.0	1067.6	1681.4	2295.1	3537.8	4780.6	5666.7
40°	375.3	389.8	470.2	550.8	770.1	989.5	1619.5	2249.0	3641.2	5033.4	6016.4
42.5°	364.1	382.8	446.1	508.9	717.1	925.2	1569.7	2214.1	3737.2	5259.8	6322.3
45°	361.3	387.9	433.5	479.1	677.5	875.8	1525.4	2174.5	3799.0	5423.7	6552.8
47.5°	356.7	378.6	423.8	468.8	658.0	846.5	1501.7	2156.3	3861.0	5565.3	6744.2
50°	359.5	362.3	415.8	468.8	655.2	841.4	1528.7	2216.0	3995.1	5773.8	6963.0
52.5°	354.4	342.3	400.9	459.5	654.7	849.8	1606.5	2363.1	4244.2	6124.9	7200.0
55°	327.3	311.5	373.0	434.5	644.9	854.9	1699.0	2542.8	4578.6	6613.8	7626.1
57.5°	303.6	289.2	341.3	393.0	615.1	837.2	1794.5	2751.4	4932.0	7112.0	8106.1
60°	271.9	268.7	305.9	343.2	569.0	794.3	1873.2	2951.6	5169.4	7386.7	8291.0
62.5°	245.8	247.7	275.2	302.7	511.2	719.4	1899.3	3078.8	5162.9	7247.1	8104.7
65°	225.8	229.1	256.1	283.1	461.9	640.7	1813.6	2986.1	4901.7	6816.8	7736.4
67.5°	206.2	210.0	242.1	273.8	418.2	562.0	1599.5	2636.4	4431.8	6226.8	7268.0
70°	187.6	192.3	227.2	262.1	386.5	510.3	1323.4	2136.3	3843.8	5550.8	6725.6
72.5°	167.6	172.2	209.5	246.8	366.5	485.6	1078.8	1671.6	3119.3	4566.4	5752.9
75°	147.2	150.4	190.9	230.9	339.0	447.0	846.5	1245.6	2387.3	3529.0	4345.3
77.5°	126.7	130.9	164.8	198.3	287.8	376.7	637.9	899.1	1751.7	2603.8	3021.9
80°	101.1	104.8	129.0	152.7	222.1	291.0	438.7	586.2	1205.5	1824.8	2060.4
82.5°	77.3	81.5	97.8	113.6	158.3	203.0	265.9	328.7	800.9	1272.6	1292.1
85°	53.1	54.5	66.1	77.3	97.8	118.3	152.2	186.2	529.9	873.5	727.8
87.5°	26.5	26.5	34.5	42.4	52.6	62.9	80.6	97.8	169.4	241.2	138.8
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: P382949
 CATALOG NUMBER: GAN-SA3A-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: P382949

CATALOG NUMBER: GAN-SA3A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1
2.5°	3831.6	3865.6	3900.1	3926.2	3952.7	3990.9	4029.1	4036.1	4043.6	4028.7	4013.8
5°	3881.0	3983.9	4087.3	4182.7	4278.2	4335.5	4392.7	4404.4	4416.0	4380.1	4343.9
7.5°	3698.1	3877.3	4056.6	4220.9	4385.3	4484.9	4585.1	4607.4	4630.3	4571.6	4512.9
10°	3453.6	3673.8	3894.1	4110.5	4327.1	4471.9	4616.7	4645.6	4674.4	4601.4	4528.3
12.5°	3264.5	3499.6	3734.9	3963.0	4191.6	4341.6	4491.5	4527.3	4563.2	4510.1	4456.5
15°	3206.3	3427.5	3648.7	3847.5	4046.8	4169.2	4292.2	4306.6	4321.5	4313.2	4304.8
17.5°	3312.0	3511.7	3712.0	3820.0	3928.5	3977.4	4026.8	4042.6	4058.9	4079.8	4101.2
20°	3568.1	3708.8	3849.8	3845.1	3840.0	3816.3	3792.1	3787.9	3783.7	3843.8	3904.3
22.5°	3950.4	4006.3	4062.6	3931.8	3800.9	3721.3	3641.2	3625.4	3609.1	3672.9	3737.2
25°	4365.2	4355.1	4344.4	4095.2	3845.6	3693.9	3542.0	3524.3	3506.6	3561.1	3616.1
27.5°	4776.0	4708.9	4641.9	4303.4	3964.9	3744.6	3524.3	3506.6	3488.9	3537.4	3585.8
30°	5077.2	4969.6	4862.1	4478.9	4095.6	3834.0	3572.3	3543.4	3514.1	3573.7	3633.3
32.5°	5312.3	5168.0	5023.6	4621.4	4219.1	3936.0	3652.9	3607.7	3562.5	3642.2	3721.8
35°	5547.1	5344.0	5140.6	4748.5	4356.0	4056.6	3756.7	3701.3	3645.9	3755.3	3864.7
37.5°	5842.3	5550.8	5258.9	4891.5	4524.1	4237.2	3949.9	3893.1	3836.3	3975.6	4115.2
40°	6162.7	5773.8	5385.0	5047.9	4710.7	4487.3	4263.3	4209.3	4154.8	4324.3	4493.8
42.5°	6429.0	5981.5	5534.0	5236.5	4938.5	4781.1	4623.3	4622.8	4621.9	4793.7	4965.4
45°	6645.5	6154.7	5663.4	5420.4	5176.9	5094.9	5012.9	5078.6	5144.3	5299.3	5454.9
47.5°	6807.0	6300.0	5792.5	5630.8	5469.3	5481.4	5493.5	5627.1	5760.8	5860.5	5960.5
50°	6912.3	6431.8	5950.7	5900.9	5851.1	5959.6	6068.6	6221.7	6375.4	6443.4	6511.3
52.5°	7065.5	6610.5	6155.2	6211.0	6266.9	6488.5	6710.2	6865.2	7020.3	7045.5	7071.1
55°	7419.8	6939.3	6458.3	6565.4	6673.0	6998.0	7323.5	7444.5	7565.6	7574.9	7584.2
57.5°	7923.2	7399.7	6876.4	6991.9	7107.3	7482.7	7858.4	7988.8	8119.6	8101.5	8082.9
60°	8299.8	7837.0	7373.7	7490.1	7606.6	7972.6	8338.5	8488.4	8638.8	8598.7	8558.8
62.5°	8323.1	8075.9	7828.2	7933.4	8039.1	8397.6	8756.2	8910.3	9064.4	8994.6	8924.7
65°	7953.0	8063.8	8174.6	8209.5	8244.5	8578.7	8913.5	9031.4	9149.7	9114.3	9078.9
67.5°	7443.1	7851.5	8260.3	8190.0	8119.6	8276.5	8433.5	8555.1	8676.5	8656.5	8636.0
70°	6934.2	7479.4	8024.6	7679.1	7333.2	7268.5	7203.8	7334.6	7465.9	7384.8	7303.4
72.5°	6067.6	6648.7	7230.3	6593.8	5957.2	5736.1	5514.9	5681.1	5847.4	5718.4	5588.9
75°	4762.9	5405.0	6047.6	5288.1	4528.7	4233.5	3938.3	4081.2	4224.2	4135.7	4046.8
77.5°	3545.7	4178.5	4811.4	4039.4	3266.8	3047.6	2827.8	2870.1	2912.9	2898.0	2882.7
80°	2405.0	2846.0	3287.3	2773.3	2259.2	2276.0	2293.2	2273.2	2252.8	2282.5	2312.3
82.5°	1534.7	1875.1	2216.0	1943.1	1670.2	1826.7	1983.1	1906.3	1829.0	1857.4	1886.3
85°	875.8	1208.8	1542.2	1437.4	1332.2	1423.4	1515.2	1395.9	1276.8	1328.9	1381.5
87.5°	230.9	668.7	1106.8	1004.9	902.9	784.5	666.3	508.4	350.6	512.2	673.8
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: P382949
 CATALOG NUMBER: GAN-SA3A-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°	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1	3548.1
2.5°	4005.8	3997.9	3969.5	3940.6	3897.8	3862.4	3800.9
5°	4293.6	4243.3	4156.7	4069.6	3972.8	3861.5	3738.1
7.5°	4395.5	4277.8	4111.5	3944.8	3794.8	3618.9	3455.0
10°	4352.3	4175.8	3959.7	3743.2	3561.1	3358.6	3176.5
12.5°	4269.4	4081.7	3843.8	3605.4	3398.2	3180.7	2976.8
15°	4155.3	4005.4	3782.3	3559.3	3350.7	3139.3	2897.6
17.5°	4030.5	3959.3	3798.1	3636.6	3455.9	3251.0	2967.4
20°	3929.9	3956.0	3891.7	3827.4	3682.7	3503.8	3185.3
22.5°	3861.9	3987.2	4036.6	4086.3	3999.3	3859.6	3491.3
25°	3823.7	4031.5	4196.7	4362.5	4323.9	4216.3	3862.8
27.5°	3840.5	4095.2	4351.8	4608.8	4644.7	4614.9	4254.5
30°	3890.8	4148.7	4461.2	4774.1	4917.1	4957.1	4580.9
32.5°	3974.6	4227.5	4567.8	4908.7	5124.7	5252.3	4879.4
35°	4101.2	4337.8	4692.6	5047.4	5326.8	5559.7	5187.6
37.5°	4318.7	4522.2	4849.5	5177.4	5539.6	5889.2	5527.1
40°	4637.2	4781.1	5057.7	5334.7	5790.6	6262.7	5905.5
42.5°	5039.0	5113.1	5332.4	5551.7	6052.7	6601.7	6275.7
45°	5474.4	5494.0	5631.8	5770.1	6260.4	6832.6	6553.7
47.5°	5893.4	5826.5	5881.3	5936.3	6419.7	6997.5	6764.7
50°	6324.6	6138.0	6109.1	6080.2	6578.9	7191.6	7032.9
52.5°	6763.3	6455.5	6341.4	6226.8	6768.9	7449.1	7366.8
55°	7192.6	6800.9	6647.3	6493.6	7059.5	7763.4	7857.0
57.5°	7639.2	7195.4	7052.9	6910.4	7486.4	8161.6	8297.0
60°	8119.6	7680.1	7566.0	7451.4	8017.2	8591.8	8493.1
62.5°	8575.5	8226.3	8166.2	8105.7	8554.1	8922.4	8416.7
65°	8880.0	8680.7	8736.6	8793.0	8960.1	9004.8	8193.2
67.5°	8676.5	8717.0	8953.1	9189.6	9074.7	8759.9	7752.7
70°	7546.0	7789.0	8348.3	8907.9	8652.8	8103.8	6962.1
72.5°	5861.9	6135.2	6965.4	7796.0	7560.9	6888.5	5718.4
75°	4355.1	4663.8	5580.1	6496.4	6170.0	5152.7	4094.2
77.5°	3089.5	3296.2	4200.9	5106.1	4573.9	3429.9	2755.1
80°	2249.0	2185.7	2689.9	3194.2	3105.8	2268.5	1769.4
82.5°	1731.7	1577.1	1814.6	2052.0	2039.0	1574.3	1298.2
85°	1319.6	1257.7	1467.7	1677.6	1497.9	1066.2	825.1
87.5°	769.2	865.1	1112.4	1360.1	1020.7	323.6	160.1
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)