

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: P320547

Luminaire Tested: **GAN-SA3A-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320547
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-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 70 CRI, 2700K, 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: 10455 lumens
Efficiency: N/A
Efficacy: 108.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

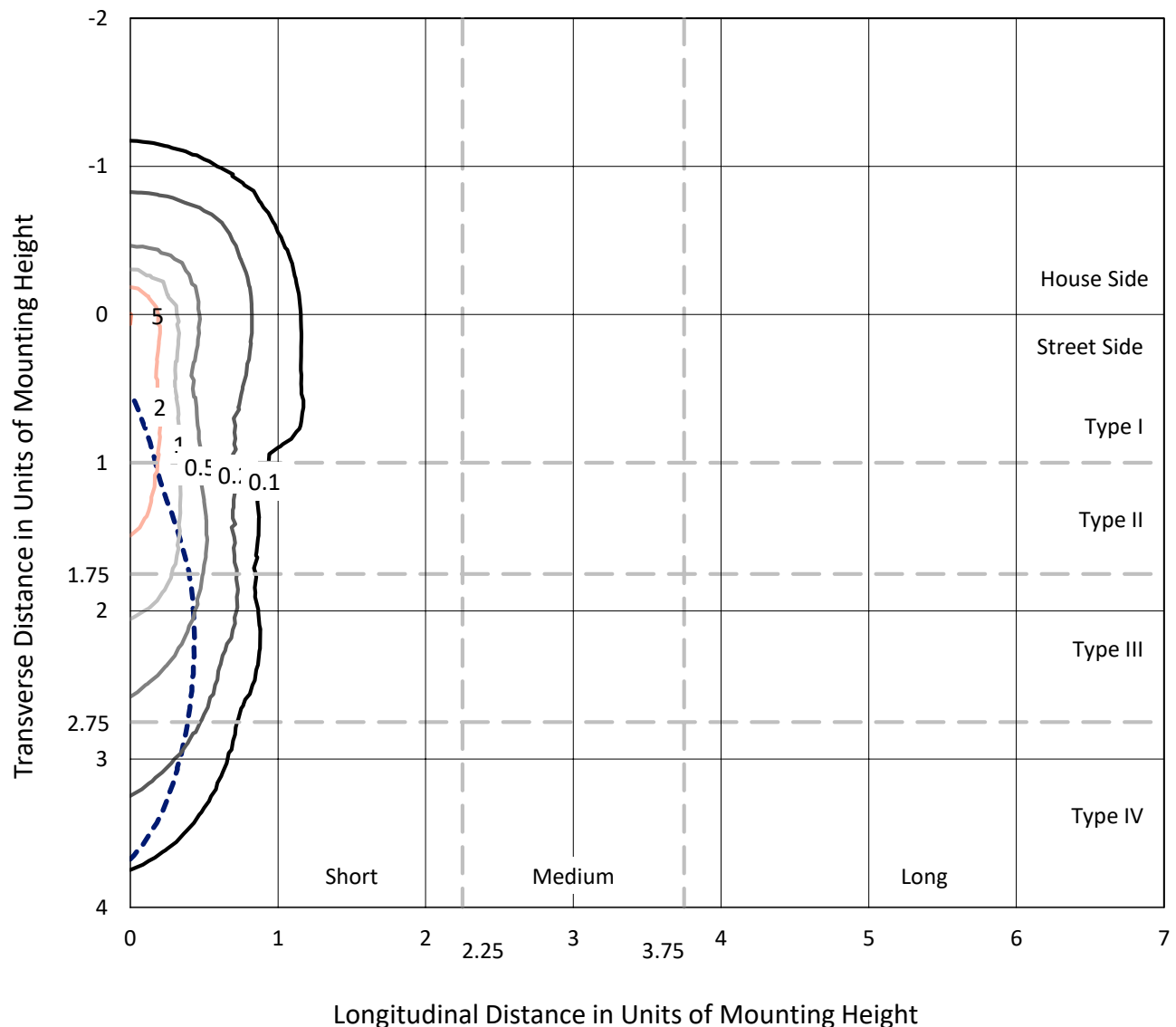
Input Watts (W): 96
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

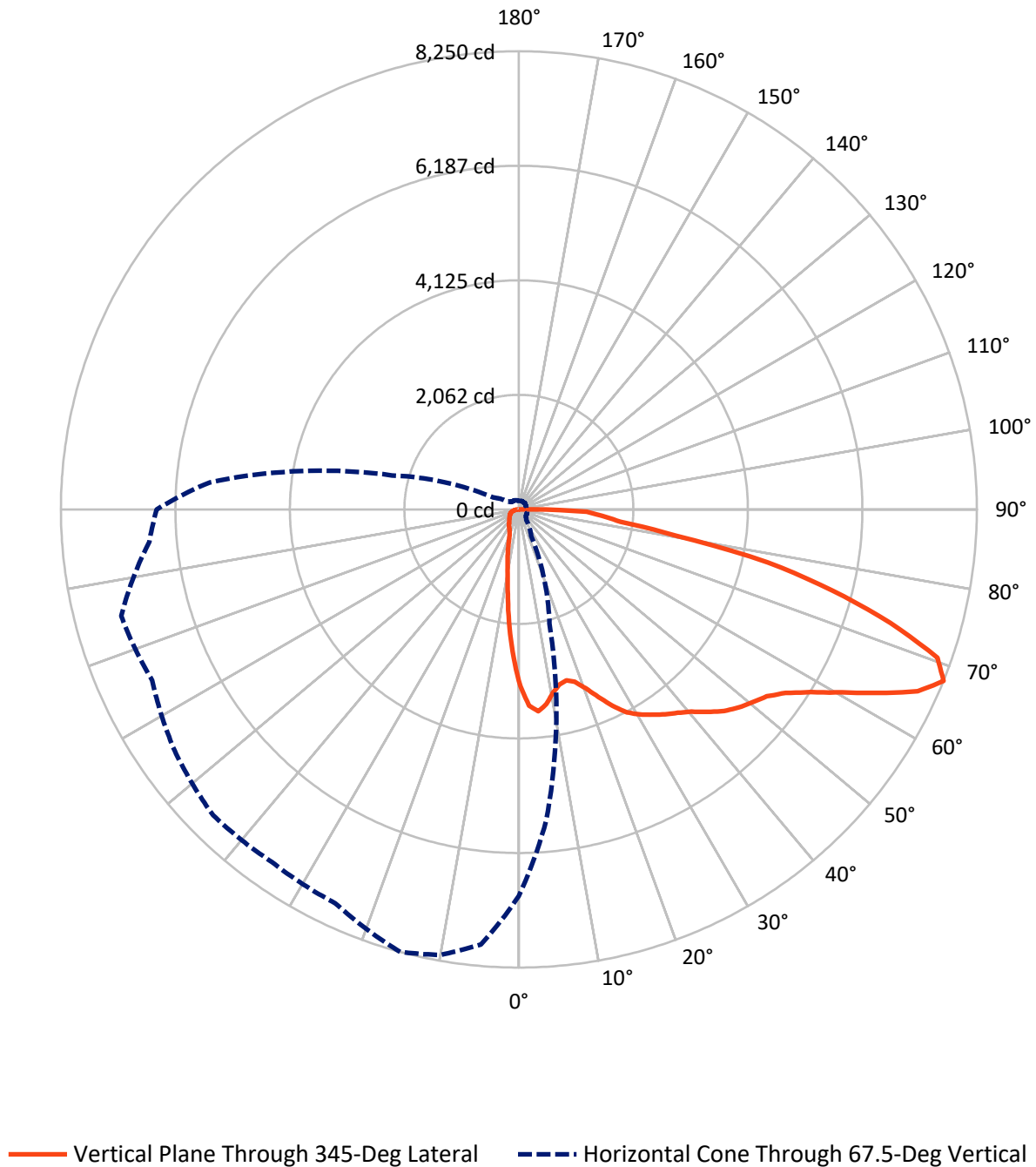
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.1 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1807.4	0.0	1807.4
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	8647.6	0.0	8647.6
	% Fixture	82.7	0.0	82.7
Total	Lumens	10455.0	0.0	10455.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	245.8	2.4
10°-20°	510.7	4.9
20°-30°	726.3	6.9
30°-40°	1046.6	10.0
40°-50°	1474.9	14.1
50°-60°	2050.4	19.6
60°-70°	2479.6	23.7
70°-80°	1524.1	14.6
80°-90°	396.6	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°	10455.0	100.0
0°-180°	10455.0	100.0

Coefficient of Utilization



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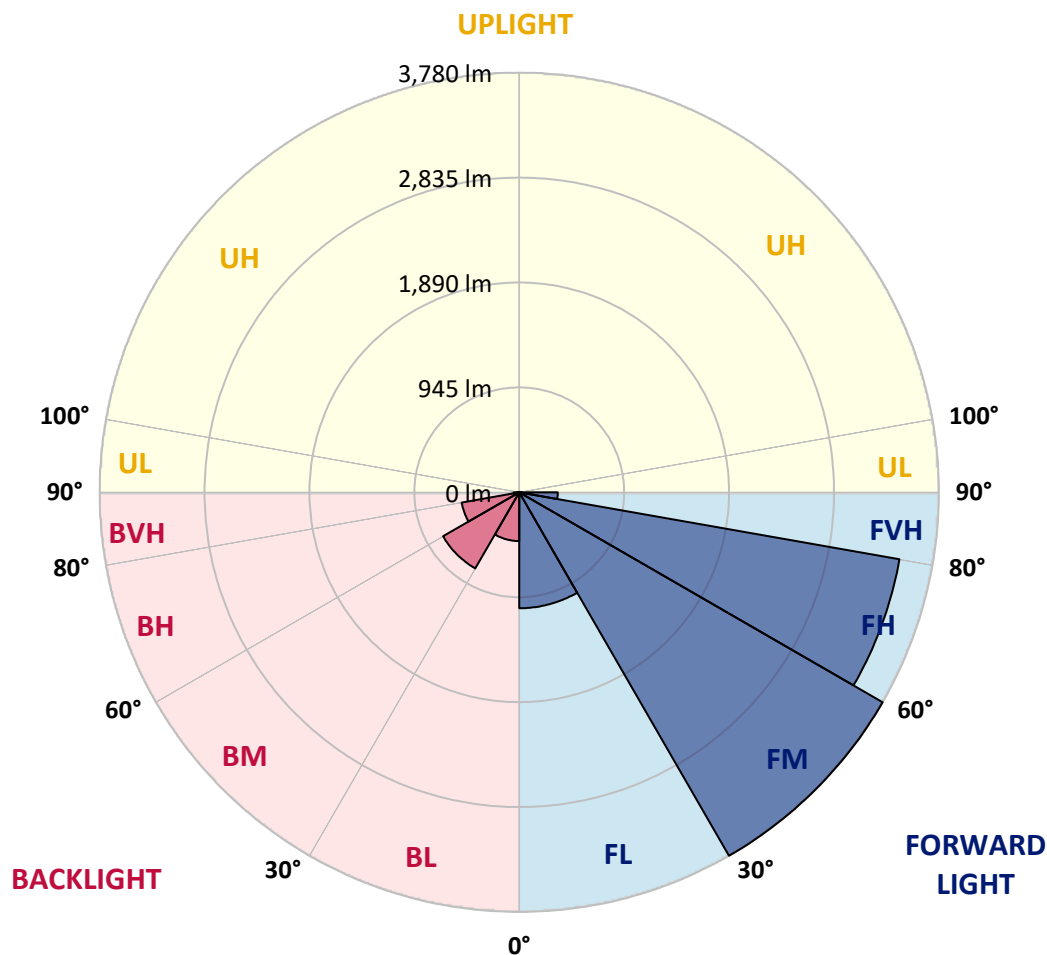
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1044.0	10.0			
FM	(30°-60°)	3779.7	36.2			
FH	(60°-80°)	3477.0	33.3			G2/5000
FVH	(80°-90°)	346.9	3.3			G3/500
BL	(0°-30°)	438.8	4.2	B1/500		
BM	(30°-60°)	792.2	7.6	B1/1000		
BH	(60°-80°)	526.7	5.0	B2/1000		G2/1000
BVH	(80°-90°)	49.7	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°	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2
2.5°	3412.2	3382.1	3336.5	3290.9	3257.1	3222.8	3183.9	3145.1	3100.8	3056.0	3029.7
5°	3355.7	3272.1	3163.5	3054.8	2982.9	2911.0	2829.5	2748.0	2667.3	2586.6	2543.1
7.5°	3101.6	2976.2	2834.9	2693.6	2589.1	2484.2	2371.3	2258.1	2157.7	2057.0	1994.7
10°	2851.6	2701.1	2539.0	2376.4	2242.6	2108.8	1995.5	1881.9	1806.2	1730.5	1673.3
12.5°	2672.3	2505.5	2327.0	2148.1	2014.4	1880.6	1808.7	1736.8	1674.1	1611.4	1545.4
15°	2601.2	2412.7	2230.0	2047.0	1925.3	1803.7	1723.8	1643.6	1559.6	1475.1	1394.0
17.5°	2663.9	2443.2	2244.7	2046.1	1886.9	1727.6	1616.0	1504.0	1393.2	1282.4	1188.4
20°	2859.6	2577.8	2318.2	2058.3	1846.3	1634.4	1484.7	1334.7	1192.6	1050.4	943.9
22.5°	3134.2	2761.3	2422.3	2083.3	1809.5	1535.3	1347.6	1159.5	991.5	823.5	719.0
25°	3467.8	3004.6	2572.4	2139.8	1794.5	1448.8	1218.1	987.3	810.1	632.4	558.0
27.5°	3819.3	3294.7	2758.8	2222.5	1797.0	1371.5	1109.0	846.0	686.4	526.7	475.7
30°	4112.3	3626.2	2976.2	2325.8	1806.6	1287.5	1006.1	724.8	593.1	461.5	428.5
32.5°	4380.3	3857.3	3140.0	2422.3	1817.5	1212.2	926.7	640.8	533.4	425.5	398.4
35°	4657.0	4062.6	3254.6	2446.2	1798.7	1150.8	872.4	594.0	494.9	395.4	372.4
37.5°	4961.7	4284.5	3364.9	2444.9	1766.9	1088.9	830.2	571.0	469.8	368.3	351.5
40°	5301.5	4529.9	3484.5	2439.1	1738.1	1036.6	798.8	560.5	456.0	351.1	336.9
42.5°	5633.9	4764.0	3595.7	2427.3	1714.7	1001.5	767.9	534.2	443.5	352.4	332.3
45°	5883.4	4968.4	3692.2	2415.6	1697.1	978.5	743.6	508.7	431.8	354.9	329.4
47.5°	6072.8	5173.6	3799.2	2424.4	1695.4	966.4	726.5	486.6	409.6	332.3	321.9
50°	6313.5	5420.3	3955.2	2490.0	1718.4	946.8	706.4	465.7	388.3	311.0	325.2
52.5°	6613.2	5772.2	4196.8	2620.9	1766.5	912.1	674.7	437.2	362.4	287.2	309.3
55°	7053.4	6223.2	4505.7	2787.7	1824.6	861.1	626.6	391.7	328.1	264.2	283.8
57.5°	7448.4	6678.9	4802.0	2924.8	1861.0	796.7	566.0	335.2	289.7	244.1	255.4
60°	7624.4	6913.8	4940.8	2967.4	1839.2	711.0	497.8	284.2	255.8	227.4	225.3
62.5°	7555.8	6764.6	4804.1	2843.7	1733.0	622.4	437.6	252.9	231.6	209.8	205.2
65°	7355.2	6295.6	4421.2	2546.9	1553.7	560.5	399.6	238.7	214.9	191.0	186.0
67.5°	6959.8	5628.0	3878.7	2129.3	1325.9	522.5	377.9	233.2	204.4	175.1	169.3
70°	6250.0	4824.6	3253.7	1682.5	1091.0	499.1	363.7	228.2	193.1	157.6	152.2
72.5°	5133.5	3868.2	2598.3	1328.0	912.1	496.2	362.0	227.8	183.9	140.0	135.0
75°	3675.5	2938.1	1983.4	1028.3	747.0	465.7	343.6	221.5	171.4	120.8	116.2
77.5°	2473.3	2033.6	1378.6	723.1	554.3	385.4	288.8	192.3	146.7	101.2	96.6
80°	1588.4	1407.4	923.8	440.2	359.5	278.8	206.5	134.2	107.0	79.4	75.7
82.5°	1165.4	1047.5	642.1	236.6	199.8	162.6	126.2	89.9	73.2	56.4	54.8
85°	740.7	816.8	472.8	128.7	105.3	81.9	67.7	53.5	42.2	30.9	30.9
87.5°	143.8	199.0	130.8	62.3	45.6	28.8	24.7	20.1	11.3	2.1	2.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2
2.5°	3002.9	2974.1	2945.3	2912.6	2879.6	2849.1	2818.2	2784.3	2790.6	2764.7	2738.8
5°	2499.7	2453.7	2407.3	2367.2	2327.0	2292.3	2257.2	2225.9	2253.0	2234.6	2216.3
7.5°	1932.0	1875.2	1817.9	1769.8	1721.8	1684.6	1646.9	1621.0	1647.8	1644.4	1641.1
10°	1616.0	1560.8	1505.2	1452.1	1399.1	1353.9	1308.4	1269.9	1263.2	1244.0	1224.3
12.5°	1478.9	1403.2	1327.2	1271.6	1216.0	1162.1	1108.1	1063.0	1042.5	1010.7	978.5
15°	1312.9	1223.5	1134.0	1070.9	1007.4	955.1	902.5	863.6	850.6	826.0	801.3
17.5°	1094.3	996.5	898.7	834.8	770.4	728.6	686.4	660.4	660.4	653.3	646.2
20°	837.3	749.9	662.5	613.6	564.7	542.6	520.0	509.1	512.5	512.9	512.9
22.5°	614.0	560.5	507.0	487.4	467.3	459.4	451.4	446.8	448.5	448.9	449.4
25°	483.6	463.1	442.2	432.2	421.8	416.7	411.7	410.1	413.8	414.2	414.2
27.5°	424.7	412.2	399.2	392.9	386.2	384.1	382.1	379.1	382.9	382.9	382.5
30°	395.0	381.6	368.3	360.3	352.4	353.2	353.6	352.8	355.3	357.0	358.2
32.5°	370.8	357.8	344.9	336.9	328.6	327.3	326.0	325.2	330.6	333.6	336.5
35°	349.0	334.8	320.6	313.1	305.6	302.6	299.7	297.6	302.6	306.4	310.2
37.5°	334.4	319.8	304.7	297.6	290.1	286.3	282.6	280.1	282.2	283.8	285.5
40°	322.7	307.7	292.2	283.8	275.5	271.7	267.9	265.9	267.1	267.5	267.9
42.5°	311.8	297.2	282.6	273.4	263.8	259.2	254.6	252.1	252.9	253.7	254.1
45°	303.9	289.3	274.2	263.3	252.1	247.0	242.0	239.1	239.5	239.5	239.5
47.5°	311.4	290.1	268.4	255.8	242.9	237.0	231.2	228.2	227.4	226.6	225.7
50°	339.0	302.6	265.9	250.0	233.7	227.4	220.7	217.4	215.3	214.4	213.6
52.5°	331.1	299.7	267.9	247.5	226.6	219.0	211.5	206.1	204.0	202.7	201.5
55°	303.1	283.4	263.3	238.7	214.0	207.3	200.2	196.5	192.7	191.9	191.0
57.5°	266.3	258.3	250.4	225.3	200.2	194.0	187.3	184.8	181.4	181.4	181.0
60°	222.8	234.5	246.2	217.4	188.1	181.0	173.9	171.8	170.5	170.1	169.7
62.5°	200.2	219.5	238.3	207.7	176.8	169.3	161.8	159.3	158.8	159.3	159.3
65°	181.0	186.8	192.7	178.5	164.3	156.8	148.8	146.3	147.1	148.4	149.6
67.5°	163.4	162.2	160.9	155.9	150.5	144.2	137.5	135.0	135.4	137.1	138.8
70°	146.7	145.0	143.0	139.2	135.4	130.0	124.6	122.9	122.5	124.6	126.2
72.5°	130.0	127.9	125.4	122.5	119.1	114.5	109.9	108.7	109.1	110.4	111.6
75°	111.6	109.9	107.8	105.3	102.4	98.2	94.1	93.2	94.1	95.3	96.6
77.5°	91.5	91.1	90.3	88.2	86.1	81.5	76.5	76.1	77.3	78.6	79.4
80°	71.5	71.9	72.3	70.6	69.0	64.0	58.5	58.1	59.4	60.6	61.9
82.5°	52.7	53.9	54.8	52.7	50.6	44.7	38.9	38.0	42.2	43.5	44.7
85°	30.5	32.2	33.9	32.2	30.5	24.7	18.8	18.4	22.2	24.2	26.3
87.5°	2.5	3.3	4.2	3.8	3.3	1.7	0.0	0.0	0.4	2.1	3.8
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):

	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: P320547

CATALOG NUMBER: GAN-SA3A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2
2.5°	2722.5	2706.2	2701.1	2696.1	2677.7	2658.9	2678.1	2697.0	2704.9	2712.8	2692.4
5°	2213.7	2210.8	2210.8	2210.4	2193.7	2176.5	2189.5	2202.0	2174.0	2146.0	2143.1
7.5°	1659.1	1677.0	1691.7	1705.9	1700.4	1695.0	1707.1	1719.2	1683.7	1647.8	1630.2
10°	1228.5	1232.3	1248.2	1264.0	1267.8	1271.1	1286.2	1300.8	1273.2	1245.7	1233.5
12.5°	958.5	938.4	940.5	942.2	949.7	956.8	972.7	988.2	976.9	965.2	966.4
15°	776.2	750.7	740.3	729.4	737.8	746.1	757.4	768.3	768.7	768.7	779.6
17.5°	633.7	620.7	610.3	599.4	610.7	621.6	622.8	624.1	624.5	624.9	624.1
20°	519.2	525.4	522.1	518.7	522.9	526.7	530.0	533.0	529.2	525.0	514.6
22.5°	455.2	460.6	464.8	468.6	475.7	482.4	479.0	475.3	467.7	459.8	451.9
25°	418.0	421.8	425.9	430.1	436.0	441.4	435.6	429.7	424.3	418.8	413.4
27.5°	386.7	390.4	394.2	397.5	403.0	408.0	402.5	397.1	392.5	387.9	383.7
30°	361.2	363.7	366.6	369.5	374.5	379.1	374.5	369.5	366.2	362.4	359.5
32.5°	339.4	341.9	343.2	344.4	349.0	353.6	350.3	346.9	344.0	341.1	339.0
35°	315.6	320.6	321.4	322.3	326.9	331.5	329.4	326.9	323.5	320.2	316.4
37.5°	291.3	297.2	300.5	303.5	308.1	312.7	310.6	308.5	303.9	299.3	292.6
40°	270.9	273.4	279.6	285.5	293.0	300.1	295.9	291.3	284.2	277.1	273.8
42.5°	253.7	253.3	259.2	265.0	276.3	287.2	279.6	272.1	265.4	258.7	257.9
45°	238.7	237.4	240.4	243.3	255.4	267.1	259.6	251.6	247.9	244.1	244.1
47.5°	225.3	224.5	226.6	228.2	235.8	242.9	239.1	235.3	233.2	231.2	231.6
50°	213.2	212.3	214.4	216.1	219.0	221.5	222.4	222.8	221.5	220.3	221.1
52.5°	201.9	201.9	202.7	203.1	206.9	210.7	210.7	210.3	210.3	210.3	211.1
55°	192.3	193.1	193.1	193.1	199.0	204.4	202.7	201.1	201.5	201.5	202.3
57.5°	182.7	183.9	184.8	185.6	191.4	197.3	195.6	194.0	194.0	194.0	194.4
60°	171.8	173.5	175.1	176.8	182.7	188.5	186.8	184.8	185.2	185.6	186.0
62.5°	161.3	163.0	164.7	166.4	172.2	178.1	176.4	174.3	175.6	176.4	176.4
65°	151.3	152.6	154.2	155.9	161.3	166.8	165.1	163.4	165.1	166.4	167.2
67.5°	140.0	140.9	142.5	144.2	149.6	155.1	153.4	151.3	153.4	155.1	156.8
70°	127.1	127.9	130.0	131.7	137.1	142.5	140.4	138.4	140.4	142.5	144.2
72.5°	112.9	113.7	115.8	117.5	123.7	130.0	127.5	125.0	127.5	130.0	130.8
75°	97.4	98.2	100.7	102.8	109.1	115.4	113.3	110.8	112.9	115.0	115.4
77.5°	80.7	81.9	85.3	88.6	93.6	98.6	97.4	96.1	97.4	98.6	98.6
80°	63.1	64.4	68.6	72.3	75.2	78.2	78.6	79.0	79.4	79.8	79.4
82.5°	46.8	48.5	52.3	56.0	56.0	56.0	59.4	62.3	62.3	61.9	61.4
85°	28.8	30.9	34.3	37.6	35.5	33.4	38.9	43.9	43.9	43.5	42.6
87.5°	5.9	7.9	11.3	14.2	12.1	10.0	15.5	20.9	21.3	21.3	20.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P320547

CATALOG NUMBER: GAN-SA3A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2
2.5°	2671.5	2704.1	2736.3	2744.6	2757.2	2762.6	2767.6	2808.6	2849.1	2896.8	2944.4
5°	2139.8	2164.0	2188.2	2192.0	2205.0	2211.7	2218.3	2268.1	2317.4	2383.9	2450.3
7.5°	1612.7	1618.5	1624.4	1623.5	1634.4	1649.0	1663.2	1716.3	1769.0	1840.5	1911.5
10°	1221.4	1234.8	1247.7	1259.9	1283.7	1311.3	1338.4	1392.8	1447.1	1517.8	1588.0
12.5°	967.7	983.1	998.2	1011.6	1039.2	1075.9	1112.3	1177.5	1242.7	1327.2	1411.2
15°	790.0	788.8	787.5	796.7	821.0	861.1	900.8	969.8	1038.7	1131.5	1223.9
17.5°	623.2	617.0	610.7	617.8	640.4	673.4	706.0	764.5	822.6	912.5	1002.4
20°	504.1	499.9	495.8	502.4	516.7	530.4	544.2	586.5	628.3	701.4	774.1
22.5°	443.5	443.1	442.2	446.0	452.7	459.8	466.5	487.0	507.0	554.3	601.1
25°	408.0	407.6	407.1	408.8	414.2	419.7	425.1	438.5	451.9	474.4	497.0
27.5°	379.5	378.7	377.9	378.3	379.5	387.9	395.8	402.1	408.0	423.4	438.5
30°	356.6	356.1	355.7	355.7	354.5	357.4	360.3	369.9	379.1	395.0	410.9
32.5°	336.9	334.8	332.7	328.1	325.2	329.4	333.6	343.6	353.6	368.3	382.9
35°	312.2	306.8	301.0	298.5	298.9	303.1	307.2	317.3	326.9	342.8	358.2
37.5°	285.5	283.8	281.7	281.3	282.6	286.8	290.9	299.7	308.1	324.0	339.4
40°	270.4	269.6	268.8	267.9	268.8	273.0	277.1	285.5	293.4	308.9	324.0
42.5°	257.1	256.7	256.2	256.2	256.7	261.3	265.9	274.2	282.2	295.9	309.7
45°	244.1	244.5	244.5	245.4	246.6	251.2	255.4	264.6	273.8	287.2	300.5
47.5°	232.0	233.2	234.1	236.2	237.4	242.4	247.0	257.1	267.1	283.8	300.1
50°	221.5	222.8	223.6	225.3	228.6	234.5	240.4	252.5	264.2	292.2	319.8
52.5°	211.9	213.2	214.4	216.1	220.3	227.0	233.7	248.7	263.3	295.9	328.6
55°	203.1	204.4	205.2	207.7	211.9	217.8	223.2	241.6	260.0	283.8	307.7
57.5°	194.8	196.0	196.9	198.6	200.6	206.9	212.8	232.4	252.1	268.8	285.1
60°	186.0	186.8	187.3	187.3	188.9	196.0	203.1	228.2	252.9	250.0	246.6
62.5°	176.4	177.2	177.7	176.4	178.5	186.0	193.5	226.1	258.7	238.7	218.6
65°	167.6	167.2	166.8	165.5	168.0	175.6	182.7	199.0	215.3	207.3	199.4
67.5°	158.0	156.8	155.5	153.8	156.3	163.0	169.3	174.7	180.2	181.0	181.8
70°	145.9	144.2	142.5	142.1	143.4	148.8	154.2	158.0	161.3	163.0	164.3
72.5°	131.7	130.4	129.2	128.3	128.7	133.3	137.5	140.9	144.2	145.5	146.3
75°	115.8	115.8	115.4	112.9	112.9	116.6	120.0	122.9	125.8	127.5	129.2
77.5°	98.6	99.1	99.1	95.7	95.3	99.1	102.4	104.9	107.0	108.7	109.9
80°	79.0	78.2	77.3	75.2	74.4	79.0	83.2	85.3	86.9	87.4	87.4
82.5°	60.6	58.9	56.8	52.3	52.7	57.7	62.3	64.0	65.6	65.6	65.6
85°	41.4	38.0	34.3	30.5	30.9	36.4	41.4	43.1	44.7	45.6	46.0
87.5°	19.6	16.3	12.5	9.6	9.6	14.2	18.4	19.2	20.1	21.7	23.4
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



REPORT NUMBER: P320547
 CATALOG NUMBER: GAN-SA3A-727-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: P320547

CATALOG NUMBER: GAN-SA3A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2
2.5°	2980.8	3016.7	3053.9	3091.1	3133.8	3176.4	3226.2	3275.5	3317.7	3359.9	3395.0
5°	2507.6	2564.9	2632.2	2699.5	2785.2	2870.8	2975.8	3080.3	3173.5	3266.7	3375.0
7.5°	1986.4	2060.8	2148.5	2236.3	2347.1	2457.9	2593.7	2729.6	2861.2	2992.5	3158.9
10°	1666.2	1744.3	1830.9	1917.0	2029.8	2142.3	2286.1	2429.4	2577.4	2725.0	2913.1
12.5°	1498.1	1584.7	1660.7	1736.8	1828.3	1919.5	2058.7	2197.9	2371.8	2545.2	2726.2
15°	1318.8	1413.3	1504.4	1595.5	1695.4	1794.9	1930.3	2065.8	2256.0	2446.2	2654.3
17.5°	1101.9	1201.3	1312.5	1423.3	1553.7	1683.7	1857.2	2030.7	2256.0	2480.9	2726.2
20°	875.7	977.3	1110.2	1243.1	1405.3	1567.1	1792.0	2016.9	2320.3	2623.4	2936.5
22.5°	691.0	780.4	925.5	1070.1	1257.4	1444.6	1733.0	2021.0	2417.7	2814.0	3236.6
25°	560.1	623.2	765.8	907.9	1124.0	1340.1	1697.1	2053.7	2559.4	3064.8	3589.0
27.5°	479.9	521.3	654.2	786.7	1022.9	1258.6	1682.5	2105.9	2739.2	3372.5	3972.3
30°	439.7	468.6	581.0	693.1	933.0	1172.9	1664.9	2156.9	2912.2	3667.1	4272.0
32.5°	406.3	429.3	525.4	621.2	855.2	1089.3	1631.1	2172.4	3033.0	3893.7	4525.7
35°	377.9	397.1	480.7	564.3	794.2	1024.1	1574.2	2124.3	3108.7	4093.1	4789.9
37.5°	354.9	369.9	447.3	524.6	741.5	958.5	1509.4	2060.3	3176.0	4291.6	5087.1
40°	336.9	349.9	422.2	494.5	691.4	888.3	1453.8	2019.0	3268.8	4518.6	5401.0
42.5°	326.9	343.6	400.4	456.9	643.7	830.6	1409.1	1987.6	3354.9	4721.8	5675.7
45°	324.4	348.2	389.2	430.1	608.2	786.3	1369.4	1952.1	3410.5	4868.9	5882.6
47.5°	320.2	339.8	380.4	420.9	590.6	759.9	1348.1	1935.8	3466.1	4996.0	6054.4
50°	322.7	325.2	373.3	420.9	588.1	755.3	1372.3	1989.3	3586.5	5183.2	6250.8
52.5°	318.1	307.2	359.9	412.6	587.7	762.9	1442.1	2121.4	3810.1	5498.4	6463.6
55°	293.9	279.6	334.8	390.0	578.9	767.5	1525.3	2282.7	4110.2	5937.3	6846.1
57.5°	272.5	259.6	306.4	352.8	552.2	751.6	1611.0	2470.0	4427.5	6384.6	7277.0
60°	244.1	241.2	274.6	308.1	510.8	713.1	1681.6	2649.7	4640.7	6631.2	7443.0
62.5°	220.7	222.4	247.0	271.7	459.0	645.8	1705.0	2763.8	4634.8	6505.8	7275.8
65°	202.7	205.7	229.9	254.1	414.7	575.2	1628.1	2680.7	4400.3	6119.6	6945.1
67.5°	185.2	188.5	217.4	245.8	375.4	504.5	1435.8	2366.7	3978.6	5590.0	6524.6
70°	168.5	172.6	204.0	235.3	346.9	458.1	1188.0	1917.8	3450.6	4983.0	6037.6
72.5°	150.5	154.7	188.1	221.5	329.0	436.0	968.5	1500.6	2800.2	4099.4	5164.4
75°	132.1	135.0	171.4	207.3	304.3	401.3	759.9	1118.2	2143.1	3168.1	3900.8
77.5°	113.7	117.5	148.0	178.1	258.3	338.2	572.7	807.2	1572.5	2337.5	2712.8
80°	90.7	94.1	115.8	137.1	199.4	261.3	393.8	526.3	1082.2	1638.2	1849.7
82.5°	69.4	73.2	87.8	102.0	142.1	182.2	238.7	295.1	719.0	1142.4	1160.0
85°	47.7	48.9	59.4	69.4	87.8	106.2	136.7	167.2	475.7	784.2	653.3
87.5°	23.8	23.8	30.9	38.0	47.2	56.4	72.3	87.8	152.2	216.5	124.6
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: P320547
 CATALOG NUMBER: GAN-SA3A-727-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: P320547

CATALOG NUMBER: GAN-SA3A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2
2.5°	3439.8	3470.3	3501.2	3524.6	3548.4	3582.7	3617.0	3623.3	3629.9	3616.6	3603.2
5°	3484.1	3576.4	3669.2	3754.9	3840.6	3892.0	3943.4	3953.9	3964.3	3932.2	3899.6
7.5°	3319.8	3480.7	3641.6	3789.2	3936.8	4026.2	4116.1	4136.1	4156.6	4104.0	4051.3
10°	3100.3	3298.0	3495.8	3690.1	3884.5	4014.5	4144.5	4170.4	4196.3	4130.7	4065.1
12.5°	2930.6	3141.7	3352.8	3557.6	3762.9	3897.5	4032.1	4064.2	4096.4	4048.8	4000.7
15°	2878.4	3076.9	3275.5	3454.0	3632.9	3742.8	3853.2	3866.1	3879.5	3872.0	3864.4
17.5°	2973.3	3152.6	3332.3	3429.3	3526.7	3570.6	3614.9	3629.1	3643.7	3662.5	3681.8
20°	3203.2	3329.4	3456.1	3451.9	3447.3	3426.0	3404.2	3400.5	3396.7	3450.6	3505.0
22.5°	3546.3	3596.5	3647.1	3529.6	3412.2	3340.7	3268.8	3254.6	3239.9	3297.2	3354.9
25°	3918.8	3909.6	3900.0	3676.3	3452.3	3316.0	3179.8	3163.9	3148.0	3196.9	3246.2
27.5°	4287.5	4227.3	4167.1	3863.2	3559.3	3361.6	3163.9	3148.0	3132.1	3175.6	3219.0
30°	4557.9	4461.4	4364.8	4020.8	3676.8	3441.8	3206.9	3181.0	3154.7	3208.2	3261.7
32.5°	4769.0	4639.4	4509.8	4148.7	3787.5	3533.4	3279.2	3238.7	3198.1	3269.6	3341.1
35°	4979.7	4797.4	4614.8	4262.8	3910.4	3641.6	3372.5	3322.7	3273.0	3371.2	3469.4
37.5°	5244.7	4983.0	4720.9	4391.1	4061.3	3803.8	3545.9	3494.9	3443.9	3568.9	3694.3
40°	5532.3	5183.2	4834.2	4531.6	4228.9	4028.3	3827.2	3778.8	3729.8	3882.0	4034.2
42.5°	5771.4	5369.7	4968.0	4700.9	4433.3	4292.1	4150.4	4149.9	4149.1	4303.3	4457.6
45°	5965.7	5525.2	5084.2	4866.0	4647.4	4573.8	4500.2	4559.2	4618.1	4757.3	4896.9
47.5°	6110.8	5655.6	5200.0	5054.9	4909.9	4920.7	4931.6	5051.6	5171.5	5261.0	5350.9
50°	6205.3	5773.9	5342.1	5297.4	5252.6	5350.0	5447.8	5585.4	5723.3	5784.3	5845.4
52.5°	6342.8	5934.4	5525.6	5575.8	5625.9	5824.9	6023.9	6163.0	6302.2	6324.8	6347.8
55°	6660.9	6229.5	5797.7	5893.9	5990.4	6282.2	6574.4	6683.0	6791.7	6800.1	6808.4
57.5°	7112.8	6642.9	6173.1	6276.7	6380.4	6717.3	7054.6	7171.7	7289.1	7272.8	7256.1
60°	7450.9	7035.4	6619.5	6724.0	6828.5	7157.1	7485.6	7620.2	7755.2	7719.3	7683.3
62.5°	7471.8	7249.9	7027.5	7121.9	7216.8	7538.7	7860.6	7998.9	8137.3	8074.6	8011.9
65°	7139.5	7239.0	7338.5	7369.8	7401.2	7701.3	8001.8	8107.6	8213.8	8182.0	8150.2
67.5°	6681.8	7048.4	7415.4	7352.3	7289.1	7430.0	7570.9	7680.0	7789.1	7771.1	7752.7
70°	6224.9	6714.4	7203.9	6893.7	6583.1	6525.0	6466.9	6584.4	6702.3	6629.5	6556.4
72.5°	5447.0	5968.7	6490.8	5919.4	5347.9	5149.4	4950.8	5100.1	5249.3	5133.5	5017.3
75°	4275.8	4852.2	5429.0	4747.3	4065.5	3800.5	3535.5	3663.8	3792.1	3712.7	3632.9
77.5°	3183.1	3751.2	4319.2	3626.2	2932.7	2735.8	2538.5	2576.6	2615.0	2601.7	2587.9
80°	2159.0	2554.8	2951.1	2489.6	2028.2	2043.2	2058.7	2040.7	2022.3	2049.1	2075.8
82.5°	1377.7	1683.3	1989.3	1744.3	1499.4	1639.8	1780.3	1711.3	1641.9	1667.4	1693.3
85°	786.3	1085.1	1384.4	1290.4	1195.9	1277.8	1360.2	1253.2	1146.2	1193.0	1240.2
87.5°	207.3	600.3	993.6	902.1	810.5	704.3	598.2	456.5	314.8	459.8	604.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320547
 CATALOG NUMBER: GAN-SA3A-727-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°	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2
2.5°	3596.1	3589.0	3563.5	3537.6	3499.1	3467.3	3412.2
5°	3854.4	3809.3	3731.5	3653.4	3566.4	3466.5	3355.7
7.5°	3946.0	3840.2	3691.0	3541.3	3406.7	3248.7	3101.6
10°	3907.1	3748.7	3554.7	3360.3	3196.9	3015.1	2851.6
12.5°	3832.7	3664.2	3450.6	3236.6	3050.6	2855.4	2672.3
15°	3730.3	3595.7	3395.4	3195.2	3008.0	2818.2	2601.2
17.5°	3618.2	3554.3	3409.7	3264.6	3102.4	2918.5	2663.9
20°	3528.0	3551.4	3493.7	3436.0	3306.0	3145.5	2859.6
22.5°	3466.9	3579.4	3623.7	3668.4	3590.2	3464.8	3134.2
25°	3432.6	3619.1	3767.5	3916.3	3881.6	3785.0	3467.8
27.5°	3447.7	3676.3	3906.7	4137.4	4169.6	4142.8	3819.3
30°	3492.8	3724.4	4004.9	4285.8	4414.1	4450.1	4112.3
32.5°	3568.1	3795.1	4100.6	4406.6	4600.5	4715.1	4380.3
35°	3681.8	3894.1	4212.6	4531.2	4782.0	4991.0	4657.0
37.5°	3877.0	4059.7	4353.5	4647.8	4973.0	5286.9	4961.7
40°	4162.9	4292.1	4540.4	4789.1	5198.3	5622.1	5301.5
42.5°	4523.6	4590.1	4787.0	4983.9	5433.6	5926.5	5633.9
45°	4914.5	4932.0	5055.8	5179.9	5620.1	6133.8	5883.4
47.5°	5290.7	5230.5	5279.8	5329.1	5763.0	6281.8	6072.8
50°	5677.7	5510.1	5484.2	5458.3	5906.0	6456.1	6313.5
52.5°	6071.5	5795.2	5692.8	5590.0	6076.5	6687.2	6613.2
55°	6456.9	6105.4	5967.4	5829.5	6337.4	6969.4	7053.4
57.5°	6857.8	6459.4	6331.5	6203.6	6720.7	7326.8	7448.4
60°	7289.1	6894.6	6792.1	6689.3	7197.2	7713.0	7624.4
62.5°	7698.4	7384.9	7330.9	7276.6	7679.1	8009.8	7555.8
65°	7971.7	7792.8	7843.0	7893.6	8043.6	8083.8	7355.2
67.5°	7789.1	7825.4	8037.4	8249.7	8146.5	7863.9	6959.8
70°	6774.2	6992.4	7494.4	7996.8	7767.8	7274.9	6250.0
72.5°	5262.2	5507.6	6252.9	6998.6	6787.5	6183.9	5133.5
75°	3909.6	4186.7	5009.4	5832.0	5539.0	4625.6	3675.5
77.5°	2773.5	2959.0	3771.2	4583.8	4106.1	3079.0	2473.3
80°	2019.0	1962.1	2414.8	2867.5	2788.1	2036.5	1588.4
82.5°	1554.6	1415.8	1629.0	1842.1	1830.4	1413.3	1165.4
85°	1184.6	1129.0	1317.5	1506.1	1344.7	957.2	740.7
87.5°	690.5	776.7	998.6	1221.0	916.3	290.5	143.8
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)