

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: P320757

Luminaire Tested: **GAN-SA3B-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320757
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-SA3B-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 80 CRI, 2700K, 800mA 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: 11271 lumens
Efficiency: N/A
Efficacy: 90.9 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): 124
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

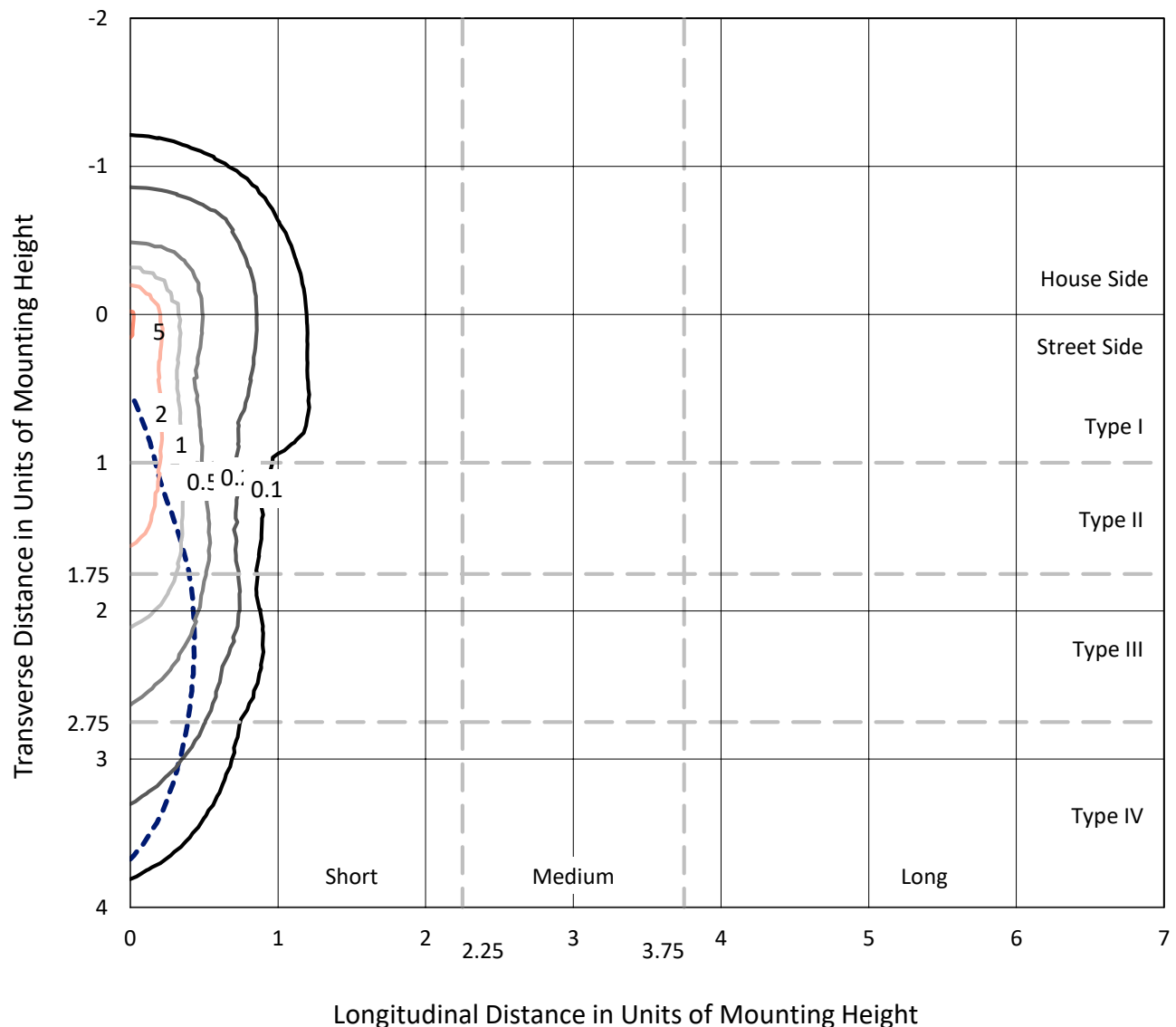


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Iso-Footcandle Lines of Horizontal Illumination

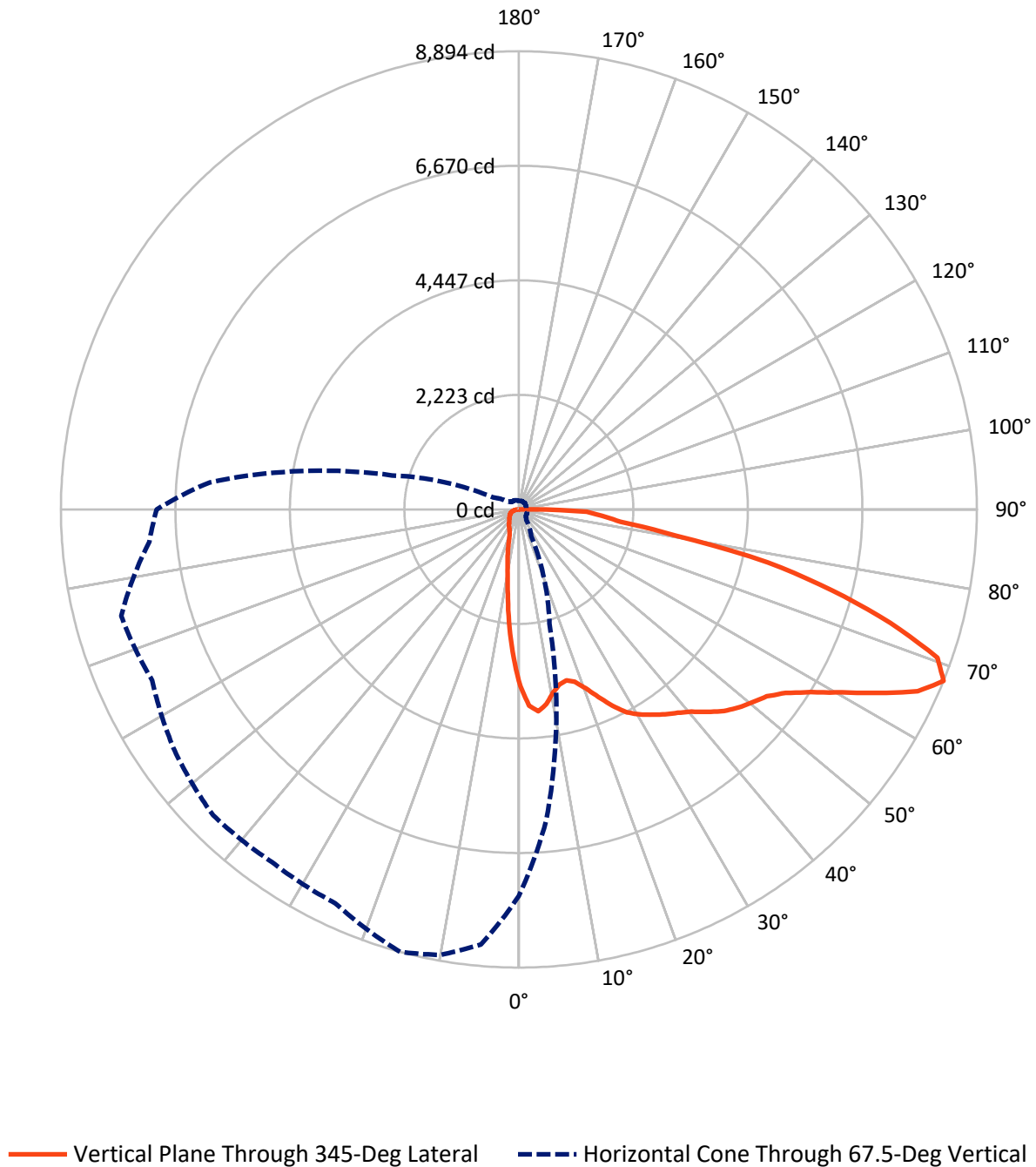
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.5 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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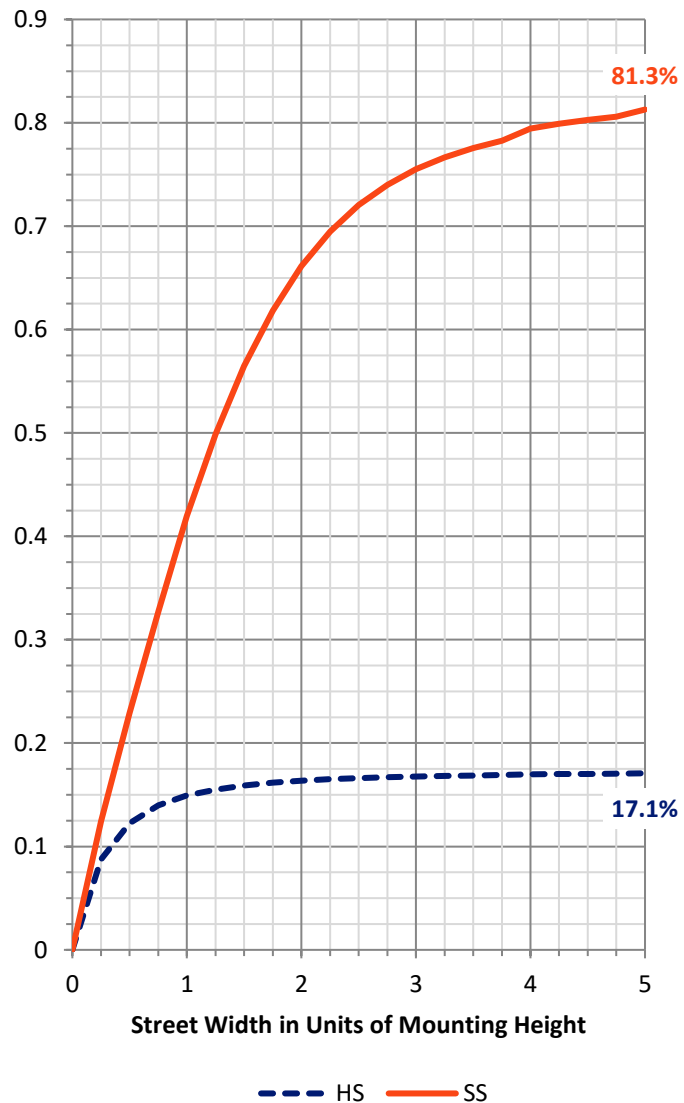
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1948.5	0.0	1948.5
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	9322.5	0.0	9322.5
	% Fixture	82.7	0.0	82.7
Total	Lumens	11271.0	0.0	11271.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	265.0	2.4
10°-20°	550.5	4.9
20°-30°	783.0	6.9
30°-40°	1128.3	10.0
40°-50°	1590.0	14.1
50°-60°	2210.4	19.6
60°-70°	2673.1	23.7
70°-80°	1643.1	14.6
80°-90°	427.5	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°	11271.0	100.0
0°-180°	11271.0	100.0

Coefficient of Utilization



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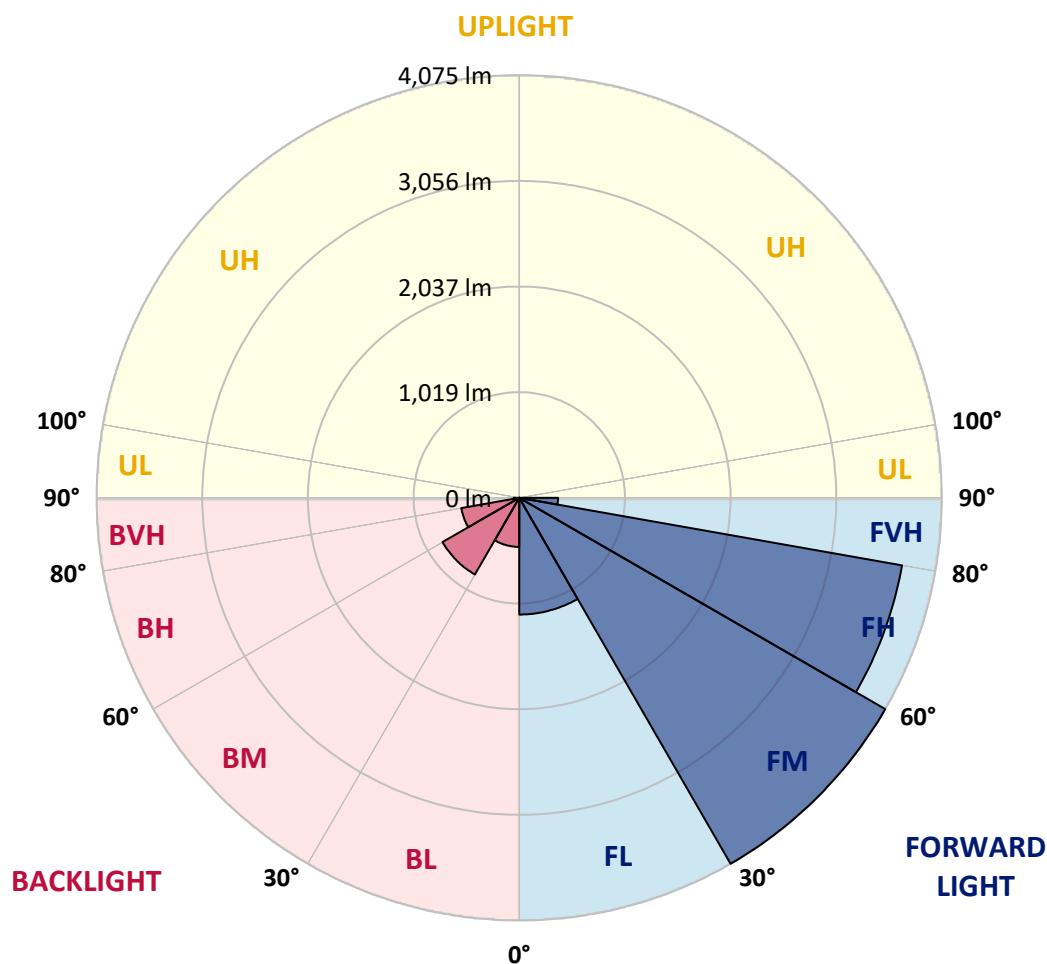
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1125.4	10.0			
FM	(30°-60°)	4074.8	36.2			
FH	(60°-80°)	3748.4	33.3			G2/5000
FVH	(80°-90°)	374.0	3.3			G3/500
BL	(0°-30°)	473.1	4.2	B1/500		
BM	(30°-60°)	854.0	7.6	B1/1000		
BH	(60°-80°)	567.8	5.0	B2/1000		G2/1000
BVH	(80°-90°)	53.6	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°	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8
2.5°	3678.5	3646.0	3596.9	3547.8	3511.3	3474.3	3432.4	3390.5	3342.8	3294.5	3266.2
5°	3617.6	3527.5	3410.4	3293.2	3215.7	3138.2	3050.3	2962.4	2875.5	2788.5	2741.6
7.5°	3343.7	3208.5	3056.2	2903.8	2791.2	2678.1	2556.4	2434.3	2326.1	2217.5	2150.4
10°	3074.2	2912.0	2737.1	2561.8	2417.6	2273.4	2151.3	2028.7	1947.2	1865.6	1803.9
12.5°	2880.9	2701.1	2508.6	2315.8	2171.6	2027.4	1949.9	1872.4	1804.8	1737.2	1666.0
15°	2804.3	2601.0	2404.1	2206.7	2075.6	1944.5	1858.4	1771.9	1681.3	1590.3	1502.8
17.5°	2871.9	2633.9	2419.9	2205.8	2034.1	1862.4	1742.1	1621.4	1501.9	1382.5	1281.1
20°	3082.7	2779.0	2499.2	2218.9	1990.4	1762.0	1600.6	1438.9	1285.6	1132.4	1017.5
22.5°	3378.8	2976.9	2611.4	2245.9	1950.8	1655.2	1452.8	1250.0	1068.9	887.7	775.1
25°	3738.4	3239.1	2773.2	2306.8	1934.5	1561.9	1313.1	1064.4	873.3	681.8	601.6
27.5°	4117.4	3551.9	2974.1	2396.0	1937.3	1478.5	1195.5	912.1	739.9	567.8	512.8
30°	4433.3	3909.2	3208.5	2507.3	1947.6	1387.9	1084.7	781.4	639.4	497.5	461.9
32.5°	4722.1	4158.4	3385.1	2611.4	1959.3	1306.8	999.0	690.8	575.0	458.7	429.4
35°	5020.5	4379.7	3508.6	2637.1	1939.1	1240.6	940.5	640.3	533.5	426.3	401.5
37.5°	5349.0	4618.9	3627.6	2635.7	1904.8	1173.9	894.9	615.6	506.5	397.0	379.0
40°	5715.3	4883.5	3756.4	2629.4	1873.7	1117.6	861.2	604.3	491.6	378.5	363.2
42.5°	6073.6	5135.8	3876.3	2616.8	1848.5	1079.7	827.8	575.9	478.1	379.9	358.2
45°	6342.6	5356.2	3980.4	2604.2	1829.6	1054.9	801.7	548.4	465.5	382.6	355.1
47.5°	6546.7	5577.4	4095.8	2613.6	1827.7	1041.9	783.2	524.5	441.6	358.2	347.0
50°	6806.3	5843.3	4263.8	2684.4	1852.5	1020.7	761.6	502.0	418.6	335.3	350.6
52.5°	7129.4	6222.7	4524.3	2825.4	1904.4	983.3	727.3	471.4	390.7	309.6	333.5
55°	7603.9	6709.0	4857.3	3005.2	1967.0	928.3	675.5	422.2	353.7	284.8	306.0
57.5°	8029.7	7200.1	5176.8	3153.0	2006.2	858.9	610.2	361.4	312.3	263.2	275.3
60°	8219.5	7453.4	5326.4	3199.0	1982.8	766.5	536.7	306.4	275.8	245.1	242.9
62.5°	8145.6	7292.5	5179.1	3065.6	1868.3	671.0	471.8	272.6	249.6	226.2	221.3
65°	7929.3	6786.9	4766.3	2745.7	1675.0	604.3	430.8	257.3	231.6	205.9	200.5
67.5°	7503.0	6067.3	4181.4	2295.5	1429.4	563.3	407.4	251.5	220.4	188.8	182.5
70°	6737.8	5201.2	3507.7	1813.8	1176.1	538.1	392.0	246.0	208.2	169.9	164.0
72.5°	5534.2	4170.1	2801.1	1431.6	983.3	534.9	390.2	245.6	198.3	151.0	145.6
75°	3962.4	3167.5	2138.2	1108.5	805.3	502.0	370.4	238.8	184.8	130.2	125.3
77.5°	2666.4	2192.3	1486.2	779.6	597.5	415.5	311.4	207.3	158.2	109.1	104.1
80°	1712.4	1517.3	995.9	474.5	387.5	300.6	222.6	144.7	115.4	85.6	81.6
82.5°	1256.4	1129.3	692.2	255.1	215.4	175.3	136.1	96.9	78.9	60.8	59.0
85°	798.5	880.5	509.7	138.8	113.6	88.3	73.0	57.7	45.5	33.3	33.3
87.5°	155.0	214.5	141.0	67.1	49.1	31.1	26.6	21.6	12.2	2.3	2.7
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°	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8
2.5°	3237.3	3206.2	3175.1	3140.0	3104.4	3071.5	3038.1	3001.6	3008.4	2980.5	2952.5
5°	2694.8	2645.2	2595.2	2551.9	2508.6	2471.2	2433.4	2399.6	2428.9	2409.1	2389.2
7.5°	2082.8	2021.5	1959.8	1908.0	1856.1	1816.0	1775.5	1747.5	1776.4	1772.8	1769.2
10°	1742.1	1682.6	1622.7	1565.5	1508.3	1459.6	1410.5	1369.0	1361.8	1341.1	1319.9
12.5°	1594.3	1512.8	1430.7	1370.8	1310.9	1252.7	1194.6	1145.9	1123.9	1089.6	1054.9
15°	1415.4	1319.0	1222.6	1154.5	1086.0	1029.7	972.9	931.0	917.0	890.4	863.9
17.5°	1179.7	1074.3	968.9	899.9	830.5	785.4	739.9	712.0	712.0	704.3	696.7
20°	902.6	808.4	714.2	661.5	608.8	584.9	560.6	548.9	552.5	552.9	552.9
22.5°	662.0	604.3	546.6	525.4	503.8	495.2	486.7	481.7	483.5	484.0	484.4
25°	521.4	499.3	476.8	465.9	454.7	449.3	443.9	442.1	446.1	446.6	446.6
27.5°	457.8	444.3	430.4	423.6	416.4	414.1	411.9	408.7	412.8	412.8	412.3
30°	425.8	411.4	397.0	388.4	379.9	380.8	381.2	380.3	383.0	384.8	386.2
32.5°	399.7	385.7	371.8	363.2	354.2	352.8	351.5	350.6	356.4	359.6	362.8
35°	376.3	361.0	345.6	337.5	329.4	326.3	323.1	320.8	326.3	330.3	334.4
37.5°	360.5	344.7	328.5	320.8	312.7	308.7	304.6	301.9	304.2	306.0	307.8
40°	347.9	331.7	315.0	306.0	297.0	292.9	288.9	286.6	288.0	288.4	288.9
42.5°	336.2	320.4	304.6	294.7	284.3	279.4	274.4	271.7	272.6	273.5	274.0
45°	327.6	311.8	295.6	283.9	271.7	266.3	260.9	257.8	258.2	258.2	258.2
47.5°	335.7	312.7	289.3	275.8	261.8	255.5	249.2	246.0	245.1	244.2	243.3
50°	365.5	326.3	286.6	269.5	251.9	245.1	237.9	234.3	232.1	231.2	230.3
52.5°	356.9	323.1	288.9	266.8	244.2	236.1	228.0	222.2	219.9	218.6	217.2
55°	326.7	305.5	283.9	257.3	230.7	223.5	215.9	211.8	207.7	206.8	205.9
57.5°	287.1	278.5	269.9	242.9	215.9	209.1	201.9	199.2	195.6	195.6	195.1
60°	240.2	252.8	265.4	234.3	202.8	195.1	187.5	185.2	183.9	183.4	183.0
62.5°	215.9	236.6	256.9	224.0	190.6	182.5	174.4	171.7	171.2	171.7	171.7
65°	195.1	201.4	207.7	192.4	177.1	169.0	160.4	157.7	158.6	160.0	161.3
67.5°	176.2	174.8	173.5	168.1	162.2	155.5	148.3	145.6	146.0	147.8	149.6
70°	158.2	156.4	154.1	150.1	146.0	140.1	134.3	132.5	132.0	134.3	136.1
72.5°	140.1	137.9	135.2	132.0	128.4	123.5	118.5	117.2	117.6	119.0	120.3
75°	120.3	118.5	116.3	113.6	110.4	105.9	101.4	100.5	101.4	102.7	104.1
77.5°	98.7	98.2	97.3	95.1	92.8	87.9	82.5	82.0	83.4	84.7	85.6
80°	77.1	77.5	78.0	76.2	74.4	68.9	63.1	62.6	64.0	65.3	66.7
82.5°	56.8	58.1	59.0	56.8	54.5	48.2	41.9	41.0	45.5	46.9	48.2
85°	32.9	34.7	36.5	34.7	32.9	26.6	20.3	19.8	23.9	26.1	28.4
87.5°	2.7	3.6	4.5	4.1	3.6	1.8	0.0	0.0	0.5	2.3	4.1
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



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CATALOG NUMBER: GAN-SA3B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320757

CATALOG NUMBER: GAN-SA3B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8
2.5°	2934.9	2917.4	2912.0	2906.6	2886.7	2866.4	2887.2	2907.5	2916.0	2924.6	2902.5
5°	2386.5	2383.4	2383.4	2382.9	2364.9	2346.4	2360.4	2373.9	2343.7	2313.5	2310.4
7.5°	1788.5	1807.9	1823.7	1839.0	1833.2	1827.3	1840.4	1853.4	1815.1	1776.4	1757.5
10°	1324.4	1328.5	1345.6	1362.7	1366.8	1370.4	1386.6	1402.4	1372.6	1342.9	1329.8
12.5°	1033.3	1011.7	1013.9	1015.7	1023.8	1031.5	1048.6	1065.3	1053.1	1040.5	1041.9
15°	836.8	809.3	798.1	786.3	795.4	804.4	816.5	828.3	828.7	828.7	840.4
17.5°	683.2	669.2	657.9	646.2	658.4	670.1	671.4	672.8	673.2	673.7	672.8
20°	559.7	566.4	562.8	559.2	563.7	567.8	571.4	574.6	570.5	566.0	554.7
22.5°	490.7	496.6	501.1	505.2	512.8	520.0	516.4	512.4	504.3	495.7	487.1
25°	450.6	454.7	459.2	463.7	470.0	475.9	469.6	463.2	457.4	451.5	445.7
27.5°	416.8	420.9	424.9	428.5	434.4	439.8	434.0	428.1	423.1	418.2	413.7
30°	389.3	392.0	395.2	398.4	403.8	408.7	403.8	398.4	394.8	390.7	387.5
32.5°	365.9	368.6	370.0	371.3	376.3	381.2	377.6	374.0	370.9	367.7	365.5
35°	340.2	345.6	346.5	347.4	352.4	357.3	355.1	352.4	348.8	345.2	341.1
37.5°	314.1	320.4	324.0	327.2	332.1	337.1	334.8	332.6	327.6	322.6	315.4
40°	292.0	294.7	301.5	307.8	315.9	323.6	319.0	314.1	306.4	298.8	295.2
42.5°	273.5	273.1	279.4	285.7	297.9	309.6	301.5	293.4	286.1	278.9	278.0
45°	257.3	256.0	259.1	262.3	275.3	288.0	279.8	271.3	267.2	263.2	263.2
47.5°	242.9	242.0	244.2	246.0	254.2	261.8	257.8	253.7	251.5	249.2	249.6
50°	229.8	228.9	231.2	233.0	236.1	238.8	239.7	240.2	238.8	237.5	238.4
52.5°	217.7	217.7	218.6	219.0	223.1	227.1	227.1	226.7	226.7	226.7	227.6
55°	207.3	208.2	208.2	208.2	214.5	220.4	218.6	216.8	217.2	217.2	218.1
57.5°	196.9	198.3	199.2	200.1	206.4	212.7	210.9	209.1	209.1	209.1	209.5
60°	185.2	187.0	188.8	190.6	196.9	203.2	201.4	199.2	199.6	200.1	200.5
62.5°	173.9	175.7	177.5	179.4	185.7	192.0	190.2	187.9	189.3	190.2	190.2
65°	163.1	164.5	166.3	168.1	173.9	179.8	178.0	176.2	178.0	179.4	180.3
67.5°	151.0	151.9	153.7	155.5	161.3	167.2	165.4	163.1	165.4	167.2	169.0
70°	137.0	137.9	140.1	141.9	147.8	153.7	151.4	149.2	151.4	153.7	155.5
72.5°	121.7	122.6	124.8	126.6	133.4	140.1	137.4	134.7	137.4	140.1	141.0
75°	105.0	105.9	108.6	110.9	117.6	124.4	122.1	119.4	121.7	123.9	124.4
77.5°	87.0	88.3	91.9	95.5	100.9	106.3	105.0	103.6	105.0	106.3	106.3
80°	68.0	69.4	73.9	78.0	81.1	84.3	84.7	85.2	85.6	86.1	85.6
82.5°	50.5	52.3	56.3	60.4	60.4	60.4	64.0	67.1	67.1	66.7	66.2
85°	31.1	33.3	37.0	40.6	38.3	36.1	41.9	47.3	47.3	46.9	46.0
87.5°	6.3	8.6	12.2	15.3	13.1	10.8	16.7	22.5	23.0	23.0	22.1
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: P320757
 CATALOG NUMBER: GAN-SA3B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320757

CATALOG NUMBER: GAN-SA3B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8
2.5°	2880.0	2915.1	2949.8	2958.8	2972.3	2978.2	2983.6	3027.8	3071.5	3122.9	3174.2
5°	2306.8	2332.9	2359.0	2363.1	2377.1	2384.3	2391.5	2445.1	2498.3	2569.9	2641.6
7.5°	1738.5	1744.8	1751.1	1750.2	1762.0	1777.7	1793.1	1850.3	1907.1	1984.1	2060.7
10°	1316.7	1331.2	1345.1	1358.2	1383.9	1413.6	1442.9	1501.5	1560.1	1636.2	1711.9
12.5°	1043.2	1059.9	1076.1	1090.5	1120.3	1159.9	1199.1	1269.4	1339.7	1430.7	1521.3
15°	851.7	850.3	849.0	858.9	885.0	928.3	971.1	1045.5	1119.8	1219.9	1319.4
17.5°	671.9	665.1	658.4	666.0	690.4	726.0	761.1	824.2	886.8	983.7	1080.6
20°	543.5	539.0	534.4	541.7	557.0	571.8	586.7	632.2	677.3	756.2	834.6
22.5°	478.1	477.7	476.8	480.8	488.0	495.7	502.9	525.0	546.6	597.5	648.0
25°	439.8	439.4	438.9	440.7	446.6	452.4	458.3	472.7	487.1	511.5	535.8
27.5°	409.2	408.3	407.4	407.8	409.2	418.2	426.7	433.5	439.8	456.5	472.7
30°	384.4	383.9	383.5	383.5	382.1	385.3	388.4	398.8	408.7	425.8	443.0
32.5°	363.2	361.0	358.7	353.7	350.6	355.1	359.6	370.4	381.2	397.0	412.8
35°	336.6	330.8	324.5	321.7	322.2	326.7	331.2	342.0	352.4	369.5	386.2
37.5°	307.8	306.0	303.7	303.3	304.6	309.1	313.6	323.1	332.1	349.2	365.9
40°	291.6	290.7	289.8	288.9	289.8	294.3	298.8	307.8	316.3	333.0	349.2
42.5°	277.1	276.7	276.2	276.2	276.7	281.6	286.6	295.6	304.2	319.0	333.9
45°	263.2	263.6	263.6	264.5	265.9	270.8	275.3	285.2	295.2	309.6	324.0
47.5°	250.1	251.5	252.4	254.6	256.0	261.4	266.3	277.1	288.0	306.0	323.6
50°	238.8	240.2	241.1	242.9	246.5	252.8	259.1	272.2	284.8	315.0	344.7
52.5°	228.5	229.8	231.2	233.0	237.5	244.7	251.9	268.1	283.9	319.0	354.2
55°	219.0	220.4	221.3	224.0	228.5	234.8	240.6	260.5	280.3	306.0	331.7
57.5°	210.0	211.3	212.2	214.0	216.3	223.1	229.4	250.5	271.7	289.8	307.3
60°	200.5	201.4	201.9	201.9	203.7	211.3	219.0	246.0	272.6	269.5	265.9
62.5°	190.2	191.1	191.5	190.2	192.4	200.5	208.6	243.8	278.9	257.3	235.7
65°	180.7	180.3	179.8	178.4	181.2	189.3	196.9	214.5	232.1	223.5	214.9
67.5°	170.3	169.0	167.6	165.8	168.5	175.7	182.5	188.4	194.2	195.1	196.0
70°	157.3	155.5	153.7	153.2	154.6	160.4	166.3	170.3	173.9	175.7	177.1
72.5°	141.9	140.6	139.2	138.3	138.8	143.8	148.3	151.9	155.5	156.8	157.7
75°	124.8	124.8	124.4	121.7	121.7	125.7	129.3	132.5	135.6	137.4	139.2
77.5°	106.3	106.8	106.8	103.2	102.7	106.8	110.4	113.1	115.4	117.2	118.5
80°	85.2	84.3	83.4	81.1	80.2	85.2	89.7	91.9	93.7	94.2	94.2
82.5°	65.3	63.5	61.3	56.3	56.8	62.2	67.1	68.9	70.7	70.7	70.7
85°	44.6	41.0	37.0	32.9	33.3	39.2	44.6	46.4	48.2	49.1	49.6
87.5°	21.2	17.6	13.5	10.4	10.4	15.3	19.8	20.7	21.6	23.4	25.2
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: P320757
 CATALOG NUMBER: GAN-SA3B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P320757

CATALOG NUMBER: GAN-SA3B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8
2.5°	3213.4	3252.2	3292.3	3332.4	3378.4	3424.3	3477.9	3531.1	3576.6	3622.2	3660.0
5°	2703.3	2765.1	2837.6	2910.2	3002.5	3094.9	3208.0	3320.7	3421.2	3521.7	3638.4
7.5°	2141.4	2221.6	2316.2	2410.9	2530.3	2649.7	2796.1	2942.6	3084.6	3226.0	3405.4
10°	1796.2	1880.5	1973.8	2066.6	2188.3	2309.5	2464.5	2619.1	2778.6	2937.6	3140.4
12.5°	1615.1	1708.3	1790.3	1872.4	1971.0	2069.3	2219.3	2369.4	2556.9	2743.9	2939.0
15°	1421.7	1523.6	1621.8	1720.0	1827.7	1935.0	2081.0	2227.0	2432.0	2637.1	2861.5
17.5°	1187.9	1295.1	1415.0	1534.4	1675.0	1815.1	2002.1	2189.2	2432.0	2674.5	2939.0
20°	944.1	1053.6	1196.9	1340.2	1515.0	1689.4	1931.8	2174.3	2501.4	2828.1	3165.7
22.5°	744.9	841.3	997.7	1153.6	1355.5	1557.4	1868.3	2178.8	2606.4	3033.6	3489.2
25°	603.8	671.9	825.6	978.8	1211.7	1444.7	1829.6	2213.9	2759.2	3304.0	3869.1
27.5°	517.3	561.9	705.2	848.1	1102.7	1356.8	1813.8	2270.3	2953.0	3635.7	4282.3
30°	474.1	505.2	626.4	747.1	1005.8	1264.5	1794.9	2325.2	3139.5	3953.4	4605.4
32.5°	438.0	462.8	566.4	669.6	922.0	1174.3	1758.4	2341.9	3269.8	4197.6	4879.0
35°	407.4	428.1	518.2	608.3	856.2	1104.0	1697.1	2290.1	3351.3	4412.6	5163.8
37.5°	382.6	398.8	482.2	565.5	799.4	1033.3	1627.2	2221.1	3423.9	4626.6	5484.1
40°	363.2	377.2	455.1	533.1	745.3	957.6	1567.3	2176.5	3523.9	4871.3	5822.6
42.5°	352.4	370.4	431.7	492.5	694.0	895.4	1519.1	2142.7	3616.7	5090.3	6118.6
45°	349.7	375.4	419.5	463.7	655.7	847.6	1476.3	2104.4	3676.7	5248.9	6341.7
47.5°	345.2	366.4	410.1	453.8	636.7	819.2	1453.3	2086.9	3736.6	5385.9	6526.9
50°	347.9	350.6	402.4	453.8	634.0	814.3	1479.4	2144.5	3866.4	5587.8	6738.7
52.5°	342.9	331.2	388.0	444.8	633.6	822.4	1554.7	2286.9	4107.5	5927.6	6968.1
55°	316.8	301.5	361.0	420.4	624.1	827.4	1644.3	2460.9	4431.0	6400.7	7380.4
57.5°	293.8	279.8	330.3	380.3	595.3	810.2	1736.7	2662.8	4773.1	6882.9	7845.0
60°	263.2	260.0	296.1	332.1	550.7	768.8	1812.9	2856.5	5002.9	7148.8	8023.9
62.5°	237.9	239.7	266.3	292.9	494.8	696.2	1838.1	2979.6	4996.6	7013.6	7843.6
65°	218.6	221.7	247.8	274.0	447.0	620.1	1755.2	2889.9	4743.8	6597.2	7487.2
67.5°	199.6	203.2	234.3	265.0	404.7	543.9	1547.9	2551.5	4289.1	6026.3	7033.9
70°	181.6	186.1	219.9	253.7	374.0	493.9	1280.7	2067.5	3719.9	5371.9	6508.9
72.5°	162.2	166.7	202.8	238.8	354.6	470.0	1044.1	1617.8	3018.8	4419.3	5567.5
75°	142.4	145.6	184.8	223.5	328.1	432.6	819.2	1205.4	2310.4	3415.3	4205.3
77.5°	122.6	126.6	159.5	192.0	278.5	364.6	617.4	870.2	1695.3	2519.9	2924.6
80°	97.8	101.4	124.8	147.8	214.9	281.6	424.5	567.3	1166.7	1766.0	1994.0
82.5°	74.8	78.9	94.6	110.0	153.2	196.5	257.3	318.1	775.1	1231.6	1250.5
85°	51.4	52.7	64.0	74.8	94.6	114.5	147.4	180.3	512.8	845.4	704.3
87.5°	25.7	25.7	33.3	41.0	50.9	60.8	78.0	94.6	164.0	233.4	134.3
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: P320757
 CATALOG NUMBER: GAN-SA3B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P320757

CATALOG NUMBER: GAN-SA3B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8
2.5°	3708.2	3741.1	3774.5	3799.7	3825.4	3862.3	3899.3	3906.0	3913.3	3898.8	3884.4
5°	3756.0	3855.6	3955.6	4048.0	4140.4	4195.8	4251.2	4262.5	4273.8	4239.1	4203.9
7.5°	3578.9	3752.4	3925.9	4084.9	4244.0	4340.5	4437.3	4459.0	4481.0	4424.3	4367.5
10°	3342.3	3555.5	3768.6	3978.1	4187.7	4327.8	4468.0	4495.9	4523.9	4453.1	4382.4
12.5°	3159.4	3386.9	3614.5	3835.3	4056.6	4201.7	4346.8	4381.5	4416.2	4364.8	4313.0
15°	3103.0	3317.1	3531.1	3723.5	3916.4	4034.9	4153.9	4167.9	4182.3	4174.2	4166.1
17.5°	3205.3	3398.6	3592.4	3697.0	3802.0	3849.3	3897.0	3912.4	3928.1	3948.4	3969.1
20°	3453.2	3589.3	3725.8	3721.3	3716.3	3693.4	3669.9	3665.9	3661.8	3719.9	3778.5
22.5°	3823.1	3877.2	3931.7	3805.1	3678.5	3601.4	3523.9	3508.6	3492.8	3554.6	3616.7
25°	4224.6	4214.7	4204.4	3963.3	3721.7	3574.8	3427.9	3410.8	3393.7	3446.4	3499.6
27.5°	4622.1	4557.2	4492.3	4164.7	3837.1	3624.0	3410.8	3393.7	3376.6	3423.4	3470.3
30°	4913.7	4809.6	4705.5	4334.6	3963.7	3710.5	3457.2	3429.3	3400.9	3458.6	3516.3
32.5°	5141.2	5001.5	4861.8	4472.5	4083.1	3809.2	3535.2	3491.5	3447.8	3524.8	3601.9
35°	5368.3	5171.9	4974.9	4595.5	4215.6	3925.9	3635.7	3582.0	3528.4	3634.3	3740.2
37.5°	5654.0	5371.9	5089.4	4733.9	4378.3	4100.7	3822.7	3767.7	3712.7	3847.5	3982.7
40°	5964.1	5587.8	5211.5	4885.3	4559.0	4342.7	4126.0	4073.7	4021.0	4185.0	4349.0
42.5°	6221.8	5788.8	5355.7	5067.8	4779.4	4627.1	4474.3	4473.8	4472.9	4639.2	4805.5
45°	6431.4	5956.4	5481.0	5245.8	5010.1	4930.8	4851.5	4915.0	4978.5	5128.6	5279.1
47.5°	6587.7	6097.0	5605.8	5449.4	5293.1	5304.8	5316.5	5445.8	5575.2	5671.6	5768.5
50°	6689.6	6224.5	5759.0	5710.8	5662.6	5767.6	5873.0	6021.3	6170.0	6235.8	6301.6
52.5°	6837.8	6397.6	5956.9	6010.9	6065.0	6279.5	6494.0	6644.1	6794.1	6818.5	6843.2
55°	7180.8	6715.7	6250.2	6353.9	6458.0	6772.5	7087.5	7204.6	7321.8	7330.8	7339.8
57.5°	7667.9	7161.4	6654.9	6766.6	6878.4	7241.6	7605.3	7731.4	7858.1	7840.5	7822.5
60°	8032.5	7584.5	7136.2	7248.8	7361.5	7715.7	8069.9	8215.0	8360.5	8321.8	8283.0
62.5°	8055.0	7815.7	7576.0	7677.8	7780.1	8127.1	8474.1	8623.2	8772.4	8704.8	8637.2
65°	7696.7	7804.0	7911.2	7945.0	7978.8	8302.4	8626.4	8740.4	8854.8	8820.6	8786.4
67.5°	7203.3	7598.5	7994.1	7926.1	7858.1	8009.9	8161.8	8279.4	8397.0	8377.6	8357.8
70°	6710.8	7238.4	7766.1	7431.8	7096.9	7034.3	6971.7	7098.3	7225.4	7147.0	7068.1
72.5°	5872.1	6434.5	6997.4	6381.3	5765.3	5551.3	5337.2	5498.1	5659.0	5534.2	5408.9
75°	4609.5	5230.9	5852.8	5117.8	4382.8	4097.1	3811.4	3949.8	4088.1	4002.5	3916.4
77.5°	3431.5	4043.9	4656.3	3909.2	3161.6	2949.4	2736.7	2777.7	2819.1	2804.7	2789.8
80°	2327.5	2754.2	3181.4	2683.9	2186.4	2202.7	2219.3	2200.0	2180.1	2209.0	2237.8
82.5°	1485.3	1814.7	2144.5	1880.5	1616.4	1767.8	1919.2	1844.9	1770.1	1797.6	1825.5
85°	847.6	1169.8	1492.5	1391.1	1289.2	1377.6	1466.3	1351.0	1235.6	1286.1	1337.0
87.5°	223.5	647.1	1071.1	972.5	873.8	759.3	644.8	492.1	339.3	495.7	652.1
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: P320757

CATALOG NUMBER: GAN-SA3B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8	3433.8
2.5°	3876.8	3869.1	3841.6	3813.7	3772.2	3738.0	3678.5
5°	4155.2	4106.6	4022.8	3938.5	3844.8	3737.1	3617.6
7.5°	4253.9	4139.9	3979.0	3817.7	3672.6	3502.3	3343.7
10°	4212.0	4041.2	3832.1	3622.6	3446.4	3250.4	3074.2
12.5°	4131.8	3950.2	3719.9	3489.2	3288.7	3078.2	2880.9
15°	4021.4	3876.3	3660.5	3444.6	3242.7	3038.1	2804.3
17.5°	3900.6	3831.7	3675.8	3519.4	3344.6	3146.3	2871.9
20°	3803.3	3828.5	3766.4	3704.2	3564.0	3391.0	3082.7
22.5°	3737.5	3858.7	3906.5	3954.7	3870.4	3735.3	3378.8
25°	3700.6	3901.5	4061.5	4221.9	4184.5	4080.4	3738.4
27.5°	3716.8	3963.3	4211.6	4460.3	4495.0	4466.2	4117.4
30°	3765.5	4015.1	4317.5	4620.3	4758.6	4797.4	4433.3
32.5°	3846.6	4091.3	4420.7	4750.5	4959.6	5083.1	4722.1
35°	3969.1	4198.1	4541.4	4884.8	5155.2	5380.5	5020.5
37.5°	4179.6	4376.5	4693.3	5010.5	5361.1	5699.5	5349.0
40°	4487.8	4627.1	4894.7	5162.8	5604.0	6061.0	5715.3
42.5°	4876.7	4948.4	5160.6	5372.8	5857.7	6389.0	6073.6
45°	5298.0	5317.0	5450.4	5584.2	6058.7	6612.5	6342.6
47.5°	5703.6	5638.7	5691.9	5745.1	6212.8	6772.0	6546.7
50°	6120.9	5940.2	5912.2	5884.3	6366.9	6960.0	6806.3
52.5°	6545.4	6247.5	6137.1	6026.3	6550.8	7209.2	7129.4
55°	6960.9	6581.9	6433.2	6284.5	6832.0	7513.3	7603.9
57.5°	7393.0	6963.6	6825.7	6687.8	7245.2	7898.6	8029.7
60°	7858.1	7432.7	7322.3	7211.4	7758.9	8315.0	8219.5
62.5°	8299.2	7961.3	7903.1	7844.5	8278.5	8634.9	8145.6
65°	8593.9	8401.1	8455.1	8509.7	8671.4	8714.7	7929.3
67.5°	8397.0	8436.2	8664.7	8893.6	8782.3	8477.7	7503.0
70°	7302.9	7538.1	8079.3	8621.0	8374.0	7842.7	6737.8
72.5°	5673.0	5937.5	6740.9	7544.9	7317.3	6666.6	5534.2
75°	4214.7	4513.5	5400.3	6287.2	5971.3	4986.7	3962.4
77.5°	2989.9	3190.0	4065.6	4941.6	4426.5	3319.3	2666.4
80°	2176.5	2115.2	2603.3	3091.3	3005.7	2195.5	1712.4
82.5°	1675.9	1526.3	1756.1	1985.9	1973.3	1523.6	1256.4
85°	1277.1	1217.1	1420.4	1623.6	1449.7	1031.9	798.5
87.5°	744.4	837.3	1076.6	1316.3	987.8	313.2	155.0
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)