

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: P320548

Luminaire Tested: **GAN-SA4A-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320548
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA4A-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 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: 13817 lumens
Efficiency: N/A
Efficacy: 107.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

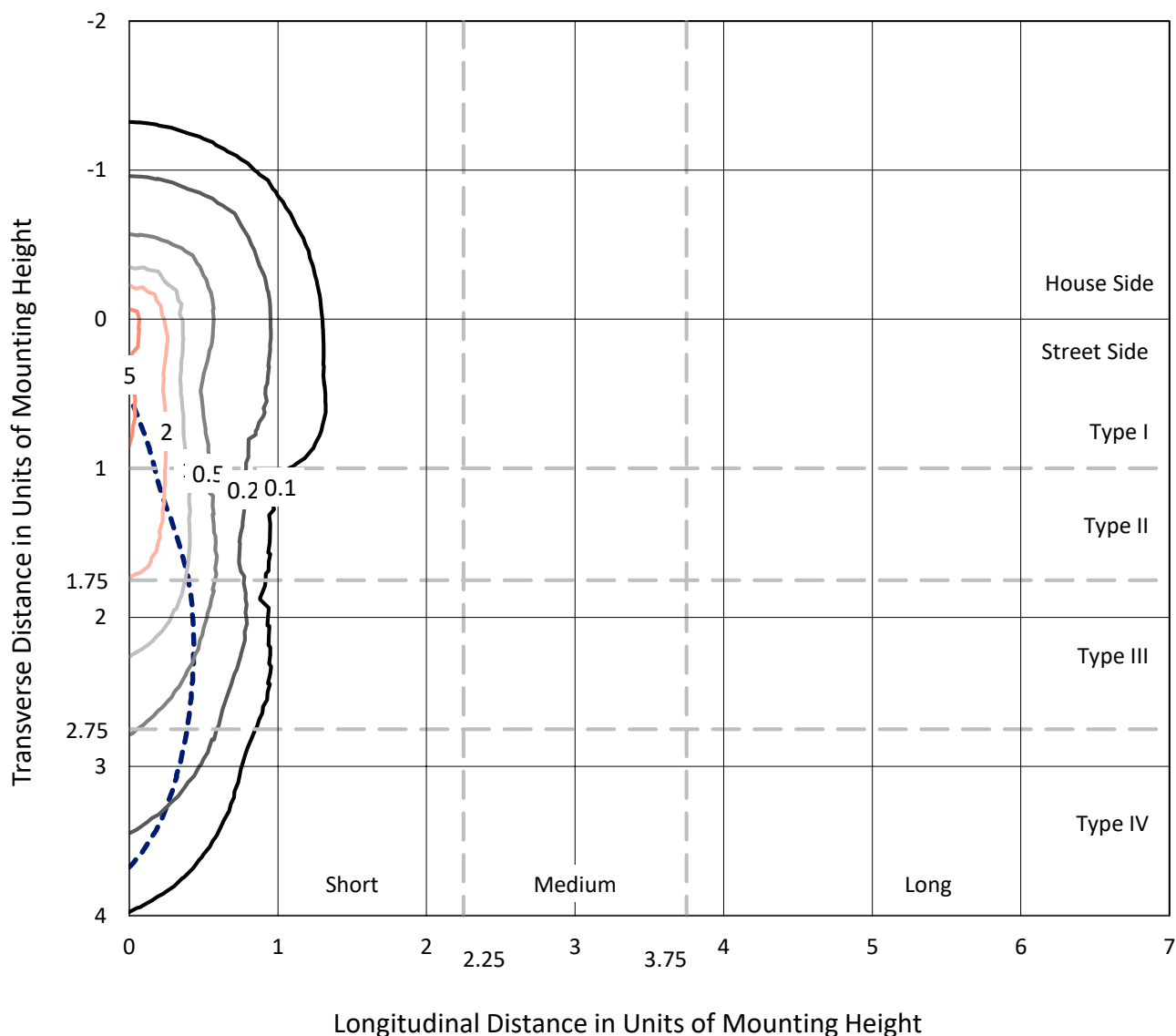
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P320548
 CATALOG NUMBER: GAN-SA4A-727-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

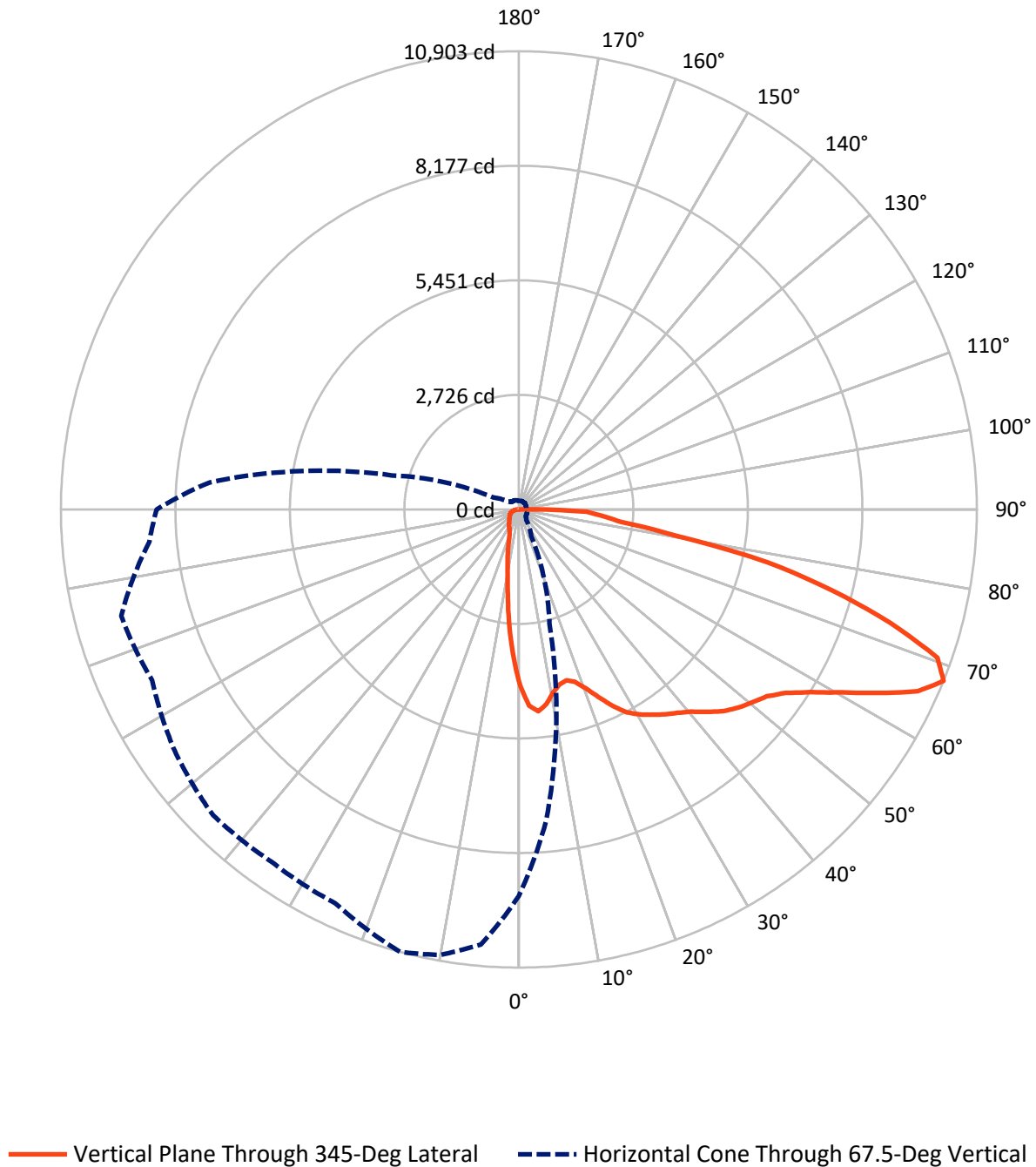
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.7 fc
 Type IV - Medium - N/A

REPORT NUMBER: P320548
CATALOG NUMBER: GAN-SA4A-727-U-SLR

Luminous Intensity Polar Plot



REPORT NUMBER: P320548

CATALOG NUMBER: GAN-SA4A-727-U-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2388.7	0.0	2388.7
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	11428.3	0.0	11428.3
	% Fixture	82.7	0.0	82.7
Total	Lumens	13817.0	0.0	13817.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	324.9	2.4
10°-20°	674.9	4.9
20°-30°	959.8	6.9
30°-40°	1383.1	10.0
40°-50°	1949.2	14.1
50°-60°	2709.8	19.6
60°-70°	3276.9	23.7
70°-80°	2014.3	14.6
80°-90°	524.1	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°	13817.0	100.0
0°-180°	13817.0	100.0

Coefficient of Utilization



REPORT NUMBER: P320548

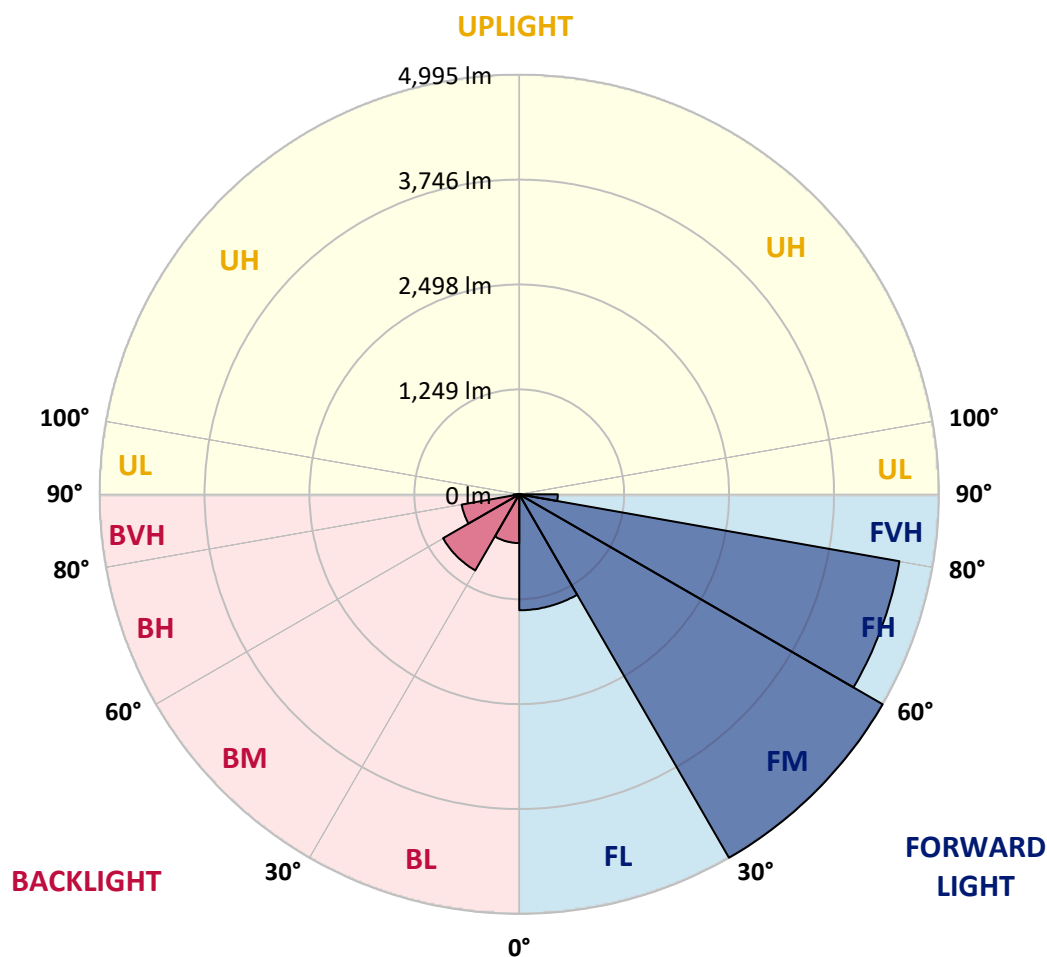
CATALOG NUMBER: GAN-SA4A-727-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1379.7	10.0			
FM	(30°-60°)	4995.2	36.2			
FH	(60°-80°)	4595.1	33.3			G2/5000
FVH	(80°-90°)	458.4	3.3			G3/500
BL	(0°-30°)	579.9	4.2	B2/1000		
BM	(30°-60°)	1046.9	7.6	B2/2500		
BH	(60°-80°)	696.1	5.0	B2/1000		G2/1000
BVH	(80°-90°)	65.7	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



REPORT NUMBER: P320548

CATALOG NUMBER: GAN-SA4A-727-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4
2.5°	4509.4	4469.6	4409.4	4349.2	4304.5	4259.2	4207.8	4156.4	4097.9	4038.7	4003.9
5°	4434.8	4324.3	4180.7	4037.1	3942.1	3847.1	3739.3	3631.6	3525.0	3418.4	3360.9
7.5°	4099.0	3933.2	3746.5	3559.8	3421.7	3283.0	3133.9	2984.2	2851.6	2718.5	2636.2
10°	3768.6	3569.7	3355.4	3140.5	2963.7	2787.0	2637.3	2487.0	2387.0	2287.0	2211.3
12.5°	3531.6	3311.2	3075.3	2838.9	2662.1	2485.3	2390.3	2295.3	2212.4	2129.6	2042.3
15°	3437.7	3188.6	2947.2	2705.2	2544.4	2383.7	2278.2	2172.1	2061.1	1949.5	1842.3
17.5°	3520.6	3228.9	2966.5	2704.1	2493.6	2283.2	2135.7	1987.6	1841.2	1694.8	1570.5
20°	3779.1	3406.8	3063.7	2720.1	2440.0	2160.0	1962.2	1763.9	1576.1	1388.2	1247.4
22.5°	4142.0	3649.3	3201.3	2753.3	2391.4	2029.0	1781.0	1532.4	1310.3	1088.3	950.2
25°	4582.9	3970.8	3399.6	2827.8	2371.5	1914.7	1609.8	1304.8	1070.6	835.8	737.5
27.5°	5047.5	4354.2	3646.0	2937.2	2374.9	1812.5	1465.6	1118.1	907.1	696.0	628.7
30°	5434.7	4792.2	3933.2	3073.7	2387.6	1701.5	1329.7	957.9	783.9	609.9	566.2
32.5°	5788.8	5097.7	4149.8	3201.3	2401.9	1602.0	1224.7	846.9	704.9	562.4	526.5
35°	6154.5	5369.0	4301.1	3232.8	2377.1	1520.8	1152.9	785.0	654.1	522.6	492.2
37.5°	6557.2	5662.3	4447.0	3231.1	2335.1	1439.1	1097.1	754.6	620.9	486.7	464.6
40°	7006.4	5986.6	4605.0	3223.4	2297.0	1370.0	1055.7	740.8	602.7	464.0	445.3
42.5°	7445.5	6295.9	4751.9	3207.9	2266.0	1323.6	1014.8	706.0	586.1	465.7	439.2
45°	7775.3	6566.1	4879.5	3192.4	2242.8	1293.2	982.8	672.3	570.7	469.0	435.3
47.5°	8025.6	6837.3	5021.0	3204.0	2240.6	1277.2	960.1	643.0	541.4	439.2	425.4
50°	8343.8	7163.2	5227.0	3290.8	2271.0	1251.2	933.6	615.4	513.2	411.0	429.8
52.5°	8739.8	7628.4	5546.3	3463.7	2334.5	1205.4	891.6	577.8	478.9	379.5	408.8
55°	9321.5	8224.4	5954.5	3684.1	2411.3	1138.0	828.1	517.6	433.7	349.1	375.1
57.5°	9843.6	8826.6	6346.2	3865.3	2459.4	1052.9	748.0	443.0	382.8	322.6	337.5
60°	10076.2	9137.0	6529.6	3921.6	2430.7	939.7	657.9	375.6	338.1	300.5	297.8
62.5°	9985.6	8939.8	6349.0	3758.1	2290.3	822.6	578.4	334.2	306.0	277.3	271.2
65°	9720.4	8320.0	5843.0	3365.9	2053.3	740.8	528.1	315.4	283.9	252.5	245.8
67.5°	9197.8	7437.8	5125.9	2814.0	1752.3	690.5	499.4	308.3	270.1	231.5	223.7
70°	8259.8	6376.0	4300.0	2223.5	1441.8	659.6	480.6	301.6	255.2	208.3	201.1
72.5°	6784.3	5112.1	3433.8	1755.0	1205.4	655.7	478.4	301.1	243.1	185.1	178.4
75°	4857.4	3883.0	2621.2	1359.0	987.2	615.4	454.1	292.8	226.5	159.6	153.6
77.5°	3268.7	2687.5	1821.9	955.7	732.5	509.3	381.7	254.1	193.9	133.7	127.6
80°	2099.2	1860.0	1220.8	581.7	475.1	368.5	272.9	177.3	141.4	105.0	100.0
82.5°	1540.1	1384.4	848.5	312.7	264.1	214.9	166.8	118.8	96.7	74.6	72.4
85°	978.9	1079.4	624.8	170.1	139.2	108.3	89.5	70.7	55.8	40.9	40.9
87.5°	190.0	263.0	172.9	82.3	60.2	38.1	32.6	26.5	14.9	2.8	3.3
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: P320548
 CATALOG NUMBER: GAN-SA4A-727-U-SLR

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



REPORT NUMBER: P320548

CATALOG NUMBER: GAN-SA4A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4
2.5°	3968.6	3930.5	3892.4	3849.3	3805.6	3765.3	3724.4	3679.7	3688.0	3653.7	3619.5
5°	3303.5	3242.7	3181.4	3128.4	3075.3	3029.5	2983.1	2941.6	2977.5	2953.2	2928.9
7.5°	2553.3	2478.2	2402.5	2338.9	2275.4	2226.3	2176.5	2142.3	2177.6	2173.2	2168.8
10°	2135.7	2062.7	1989.3	1919.1	1849.0	1789.3	1729.1	1678.3	1669.4	1644.0	1618.0
12.5°	1954.5	1854.5	1753.9	1680.5	1607.0	1535.7	1464.5	1404.8	1377.7	1335.8	1293.2
15°	1735.2	1616.9	1498.7	1415.3	1331.3	1262.3	1192.7	1141.3	1124.2	1091.6	1059.0
17.5°	1446.2	1317.0	1187.7	1103.2	1018.1	962.9	907.1	872.8	872.8	863.4	854.0
20°	1106.5	991.0	875.6	811.0	746.3	717.0	687.2	672.8	677.3	677.8	677.8
22.5°	811.5	740.8	670.1	644.1	617.6	607.1	596.6	590.5	592.7	593.3	593.9
25°	639.2	612.1	584.5	571.2	557.4	550.8	544.1	541.9	546.9	547.4	547.4
27.5°	561.3	544.7	527.6	519.3	510.4	507.7	504.9	501.0	506.0	506.0	505.5
30°	522.0	504.4	486.7	476.2	465.7	466.8	467.3	466.2	469.6	471.8	473.4
32.5°	490.0	472.9	455.7	445.3	434.2	432.5	430.9	429.8	437.0	440.8	444.7
35°	461.3	442.5	423.7	413.8	403.8	400.0	396.1	393.3	400.0	404.9	409.9
37.5°	441.9	422.6	402.7	393.3	383.4	378.4	373.4	370.1	372.9	375.1	377.3
40°	426.5	406.6	386.1	375.1	364.0	359.1	354.1	351.3	353.0	353.5	354.1
42.5°	412.1	392.8	373.4	361.3	348.6	342.5	336.4	333.1	334.2	335.3	335.9
45°	401.6	382.3	362.4	348.0	333.1	326.5	319.9	316.0	316.5	316.5	316.5
47.5°	411.6	383.4	354.7	338.1	321.0	313.2	305.5	301.6	300.5	299.4	298.3
50°	448.0	400.0	351.3	330.3	308.8	300.5	291.7	287.3	284.5	283.4	282.3
52.5°	437.5	396.1	354.1	327.0	299.4	289.5	279.5	272.3	269.6	267.9	266.3
55°	400.5	374.5	348.0	315.4	282.8	274.0	264.6	259.6	254.7	253.6	252.5
57.5°	351.9	341.4	330.9	297.8	264.6	256.3	247.5	244.2	239.8	239.8	239.2
60°	294.4	309.9	325.4	287.3	248.6	239.2	229.8	227.0	225.4	224.8	224.3
62.5°	264.6	290.0	314.9	274.6	233.7	223.7	213.8	210.5	209.9	210.5	210.5
65°	239.2	246.9	254.7	235.9	217.1	207.2	196.7	193.3	194.5	196.1	197.8
67.5°	216.0	214.3	212.7	206.1	198.9	190.6	181.7	178.4	179.0	181.2	183.4
70°	193.9	191.7	188.9	184.0	179.0	171.8	164.6	162.4	161.9	164.6	166.8
72.5°	171.8	169.0	165.7	161.9	157.4	151.4	145.3	143.6	144.2	145.8	147.5
75°	147.5	145.3	142.5	139.2	135.3	129.8	124.3	123.2	124.3	126.0	127.6
77.5°	121.0	120.4	119.3	116.6	113.8	107.7	101.1	100.5	102.2	103.9	105.0
80°	94.5	95.0	95.6	93.4	91.1	84.5	77.3	76.8	78.4	80.1	81.8
82.5°	69.6	71.3	72.4	69.6	66.8	59.1	51.4	50.3	55.8	57.5	59.1
85°	40.3	42.5	44.7	42.5	40.3	32.6	24.9	24.3	29.3	32.0	34.8
87.5°	3.3	4.4	5.5	5.0	4.4	2.2	0.0	0.0	0.6	2.8	5.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320548
 CATALOG NUMBER: GAN-SA4A-727-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: P320548

CATALOG NUMBER: GAN-SA4A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4
2.5°	3597.9	3576.4	3569.7	3563.1	3538.8	3513.9	3539.4	3564.2	3574.7	3585.2	3558.1
5°	2925.6	2921.8	2921.8	2921.2	2899.1	2876.5	2893.6	2910.2	2873.1	2836.1	2832.3
7.5°	2192.6	2216.3	2235.6	2254.4	2247.2	2240.1	2256.1	2272.1	2225.2	2177.6	2154.4
10°	1623.6	1628.5	1649.5	1670.5	1675.5	1679.9	1699.8	1719.1	1682.7	1646.2	1630.2
12.5°	1266.7	1240.2	1242.9	1245.2	1255.1	1264.5	1285.5	1305.9	1291.0	1275.5	1277.2
15°	1025.8	992.1	978.3	964.0	975.0	986.1	1001.0	1015.3	1015.9	1015.9	1030.3
17.5°	837.5	820.3	806.5	792.2	807.1	821.4	823.1	824.8	825.3	825.9	824.8
20°	686.1	694.4	690.0	685.6	691.1	696.0	700.5	704.3	699.4	693.8	680.0
22.5°	601.6	608.8	614.3	619.3	628.7	637.5	633.1	628.1	618.2	607.7	597.2
25°	552.4	557.4	562.9	568.4	576.2	583.4	575.6	567.9	560.7	553.5	546.3
27.5°	511.0	516.0	520.9	525.4	532.5	539.2	532.0	524.8	518.7	512.6	507.1
30°	477.3	480.6	484.5	488.3	495.0	501.0	495.0	488.3	483.9	478.9	475.1
32.5°	448.6	451.9	453.5	455.2	461.3	467.3	462.9	458.5	454.6	450.8	448.0
35°	417.1	423.7	424.8	425.9	432.0	438.1	435.3	432.0	427.6	423.2	418.2
37.5°	385.0	392.8	397.2	401.1	407.1	413.2	410.4	407.7	401.6	395.5	386.7
40°	358.0	361.3	369.6	377.3	387.2	396.6	391.1	385.0	375.6	366.3	361.8
42.5°	335.3	334.8	342.5	350.2	365.1	379.5	369.6	359.6	350.8	341.9	340.8
45°	315.4	313.8	317.6	321.5	337.5	353.0	343.1	332.6	327.6	322.6	322.6
47.5°	297.8	296.6	299.4	301.6	311.6	321.0	316.0	311.0	308.3	305.5	306.0
50°	281.7	280.6	283.4	285.6	289.5	292.8	293.9	294.4	292.8	291.1	292.2
52.5°	266.8	266.8	267.9	268.5	273.4	278.4	278.4	277.9	277.9	277.9	279.0
55°	254.1	255.2	255.2	255.2	263.0	270.1	267.9	265.7	266.3	266.3	267.4
57.5°	241.4	243.1	244.2	245.3	253.0	260.7	258.5	256.3	256.3	256.3	256.9
60°	227.0	229.3	231.5	233.7	241.4	249.1	246.9	244.2	244.7	245.3	245.8
62.5°	213.2	215.4	217.7	219.9	227.6	235.3	233.1	230.4	232.0	233.1	233.1
65°	200.0	201.6	203.8	206.1	213.2	220.4	218.2	216.0	218.2	219.9	221.0
67.5°	185.1	186.2	188.4	190.6	197.8	204.9	202.7	200.0	202.7	204.9	207.2
70°	167.9	169.0	171.8	174.0	181.2	188.4	185.6	182.9	185.6	188.4	190.6
72.5°	149.2	150.3	153.0	155.2	163.5	171.8	168.5	165.2	168.5	171.8	172.9
75°	128.7	129.8	133.1	135.9	144.2	152.5	149.7	146.4	149.2	151.9	152.5
77.5°	106.6	108.3	112.7	117.1	123.7	130.4	128.7	127.1	128.7	130.4	130.4
80°	83.4	85.1	90.6	95.6	99.4	103.3	103.9	104.4	105.0	105.5	105.0
82.5°	61.9	64.1	69.1	74.0	74.0	74.0	78.4	82.3	82.3	81.8	81.2
85°	38.1	40.9	45.3	49.7	47.0	44.2	51.4	58.0	58.0	57.5	56.3
87.5°	7.7	10.5	14.9	18.8	16.0	13.3	20.4	27.6	28.2	28.2	27.1
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: P320548
 CATALOG NUMBER: GAN-SA4A-727-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: P320548

CATALOG NUMBER: GAN-SA4A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4
2.5°	3530.5	3573.6	3616.1	3627.2	3643.8	3650.9	3657.6	3711.7	3765.3	3828.3	3891.3
5°	2827.8	2859.9	2891.9	2896.9	2914.0	2922.9	2931.7	2997.4	3062.6	3150.5	3238.3
7.5°	2131.2	2139.0	2146.7	2145.6	2160.0	2179.3	2198.1	2268.2	2337.8	2432.3	2526.2
10°	1614.2	1631.9	1649.0	1665.0	1696.5	1732.9	1768.9	1840.7	1912.5	2005.8	2098.6
12.5°	1278.9	1299.3	1319.2	1336.9	1373.3	1421.9	1470.0	1556.2	1642.3	1753.9	1865.0
15°	1044.1	1042.4	1040.8	1052.9	1085.0	1138.0	1190.5	1281.6	1372.8	1495.4	1617.5
17.5°	823.7	815.4	807.1	816.5	846.3	889.9	933.0	1010.4	1087.2	1205.9	1324.7
20°	666.2	660.7	655.2	664.0	682.8	701.0	719.3	775.0	830.3	927.0	1023.1
22.5°	586.1	585.6	584.5	589.4	598.3	607.7	616.5	643.6	670.1	732.5	794.4
25°	539.2	538.6	538.1	540.3	547.4	554.6	561.8	579.5	597.2	627.0	656.8
27.5°	501.6	500.5	499.4	499.9	501.6	512.6	523.1	531.4	539.2	559.6	579.5
30°	471.2	470.7	470.1	470.1	468.5	472.3	476.2	488.9	501.0	522.0	543.0
32.5°	445.3	442.5	439.7	433.7	429.8	435.3	440.8	454.1	467.3	486.7	506.0
35°	412.7	405.5	397.7	394.4	395.0	400.5	406.0	419.3	432.0	453.0	473.4
37.5°	377.3	375.1	372.3	371.8	373.4	379.0	384.5	396.1	407.1	428.1	448.6
40°	357.4	356.3	355.2	354.1	355.2	360.7	366.3	377.3	387.8	408.2	428.1
42.5°	339.7	339.2	338.6	338.6	339.2	345.3	351.3	362.4	372.9	391.1	409.3
45°	322.6	323.2	323.2	324.3	325.9	332.0	337.5	349.7	361.8	379.5	397.2
47.5°	306.6	308.3	309.4	312.1	313.8	320.4	326.5	339.7	353.0	375.1	396.6
50°	292.8	294.4	295.5	297.8	302.2	309.9	317.6	333.7	349.1	386.1	422.6
52.5°	280.1	281.7	283.4	285.6	291.1	300.0	308.8	328.7	348.0	391.1	434.2
55°	268.5	270.1	271.2	274.6	280.1	287.8	295.0	319.3	343.6	375.1	406.6
57.5°	257.4	259.1	260.2	262.4	265.2	273.4	281.2	307.1	333.1	355.2	376.8
60°	245.8	246.9	247.5	247.5	249.7	259.1	268.5	301.6	334.2	330.3	325.9
62.5°	233.1	234.2	234.8	233.1	235.9	245.8	255.8	298.9	341.9	315.4	288.9
65°	221.5	221.0	220.4	218.8	222.1	232.0	241.4	263.0	284.5	274.0	263.5
67.5°	208.8	207.2	205.5	203.3	206.6	215.4	223.7	230.9	238.1	239.2	240.3
70°	192.8	190.6	188.4	187.8	189.5	196.7	203.8	208.8	213.2	215.4	217.1
72.5°	174.0	172.4	170.7	169.6	170.1	176.2	181.7	186.2	190.6	192.2	193.3
75°	153.0	153.0	152.5	149.2	149.2	154.1	158.5	162.4	166.3	168.5	170.7
77.5°	130.4	130.9	130.9	126.5	126.0	130.9	135.3	138.7	141.4	143.6	145.3
80°	104.4	103.3	102.2	99.4	98.3	104.4	109.9	112.7	114.9	115.5	115.5
82.5°	80.1	77.9	75.1	69.1	69.6	76.2	82.3	84.5	86.7	86.7	86.7
85°	54.7	50.3	45.3	40.3	40.9	48.1	54.7	56.9	59.1	60.2	60.8
87.5°	26.0	21.5	16.6	12.7	12.7	18.8	24.3	25.4	26.5	28.7	30.9
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: P320548
 CATALOG NUMBER: GAN-SA4A-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: P320548

CATALOG NUMBER: GAN-SA4A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4
2.5°	3939.3	3986.8	4036.0	4085.2	4141.5	4197.8	4263.6	4328.8	4384.6	4440.4	4486.8
5°	3314.0	3389.7	3478.6	3567.5	3680.8	3794.0	3932.7	4070.8	4194.0	4317.2	4460.2
7.5°	2625.1	2723.4	2839.4	2955.5	3101.8	3248.2	3427.8	3607.3	3781.3	3954.8	4174.6
10°	2201.9	2305.3	2419.6	2533.4	2682.6	2831.2	3021.2	3210.7	3406.2	3601.2	3849.8
12.5°	1979.9	2094.2	2194.8	2295.3	2416.3	2536.7	2720.7	2904.6	3134.4	3363.7	3602.9
15°	1742.9	1867.7	1988.2	2108.6	2240.6	2372.1	2551.1	2730.1	2981.4	3232.8	3507.9
17.5°	1456.2	1587.7	1734.6	1881.0	2053.3	2225.2	2454.4	2683.7	2981.4	3278.6	3602.9
20°	1157.3	1291.6	1467.2	1642.9	1857.2	2071.0	2368.2	2665.4	3066.5	3467.0	3880.8
22.5°	913.2	1031.4	1223.1	1414.2	1661.7	1909.2	2290.3	2671.0	3195.2	3718.9	4277.4
25°	740.2	823.7	1012.0	1199.9	1485.5	1771.1	2242.8	2714.0	3382.5	4050.3	4743.1
27.5°	634.2	688.9	864.5	1039.7	1351.8	1663.3	2223.5	2783.1	3620.0	4456.9	5249.7
30°	581.1	619.3	767.9	915.9	1233.0	1550.1	2200.3	2850.5	3848.7	4846.4	5645.7
32.5°	537.0	567.3	694.4	820.9	1130.3	1439.6	2155.5	2870.9	4008.4	5145.8	5981.1
35°	499.4	524.8	635.3	745.8	1049.6	1353.4	2080.4	2807.4	4108.4	5409.3	6330.2
37.5°	469.0	488.9	591.1	693.3	980.0	1266.7	1994.8	2722.9	4197.3	5671.7	6723.0
40°	445.3	462.4	557.9	653.5	913.7	1173.9	1921.3	2668.2	4319.9	5971.7	7137.8
42.5°	432.0	454.1	529.2	603.8	850.7	1097.7	1862.2	2626.8	4433.7	6240.1	7500.8
45°	428.7	460.2	514.3	568.4	803.8	1039.1	1809.7	2579.8	4507.2	6434.6	7774.2
47.5°	423.2	449.1	502.7	556.3	780.6	1004.3	1781.6	2558.3	4580.7	6602.5	8001.3
50°	426.5	429.8	493.3	556.3	777.3	998.2	1813.6	2629.0	4739.8	6850.0	8260.9
52.5°	420.4	406.0	475.6	545.2	776.7	1008.2	1905.9	2803.5	5035.3	7266.5	8542.1
55°	388.4	369.6	442.5	515.4	765.1	1014.2	2015.8	3016.8	5432.0	7846.6	9047.5
57.5°	360.2	343.1	404.9	466.2	729.7	993.3	2129.0	3264.3	5851.2	8437.7	9617.1
60°	322.6	318.7	362.9	407.1	675.1	942.4	2222.4	3501.8	6133.0	8763.6	9836.4
62.5°	291.7	293.9	326.5	359.1	606.6	853.5	2253.3	3652.6	6125.2	8597.9	9615.4
65°	267.9	271.8	303.8	335.9	548.0	760.1	2151.7	3542.7	5815.3	8087.4	9178.5
67.5°	244.7	249.1	287.3	324.8	496.1	666.8	1897.6	3127.8	5257.9	7387.5	8622.7
70°	222.6	228.1	269.6	311.0	458.5	605.5	1570.0	2534.5	4560.2	6585.4	7979.2
72.5°	198.9	204.4	248.6	292.8	434.8	576.2	1280.0	1983.2	3700.7	5417.6	6825.2
75°	174.6	178.4	226.5	274.0	402.2	530.3	1004.3	1477.7	2832.3	4186.8	5155.2
77.5°	150.3	155.2	195.6	235.3	341.4	446.9	756.8	1066.7	2078.2	3089.1	3585.2
80°	119.9	124.3	153.0	181.2	263.5	345.3	520.4	695.5	1430.2	2164.9	2444.5
82.5°	91.7	96.7	116.0	134.8	187.8	240.9	315.4	390.0	950.2	1509.8	1533.0
85°	63.0	64.6	78.4	91.7	116.0	140.3	180.6	221.0	628.7	1036.3	863.4
87.5°	31.5	31.5	40.9	50.3	62.4	74.6	95.6	116.0	201.1	286.2	164.6
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: P320548
 CATALOG NUMBER: GAN-SA4A-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: P320548

CATALOG NUMBER: GAN-SA4A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4
2.5°	4545.9	4586.2	4627.1	4658.0	4689.5	4734.8	4780.1	4788.4	4797.2	4779.5	4761.9
5°	4604.4	4726.5	4849.1	4962.4	5075.6	5143.6	5211.5	5225.3	5239.2	5196.6	5153.5
7.5°	4387.3	4600.0	4812.7	5007.7	5202.7	5320.9	5439.7	5466.2	5493.3	5423.7	5354.1
10°	4097.3	4358.6	4619.9	4876.8	5133.6	5305.4	5477.2	5511.5	5545.8	5459.0	5372.3
12.5°	3873.0	4152.0	4431.0	4701.7	4972.9	5150.8	5328.6	5371.2	5413.7	5350.7	5287.2
15°	3804.0	4066.4	4328.8	4564.7	4801.1	4946.4	5092.2	5109.3	5127.0	5117.1	5107.1
17.5°	3929.4	4166.4	4403.9	4532.1	4660.8	4718.8	4777.3	4796.1	4815.5	4840.3	4865.7
20°	4233.2	4400.0	4567.4	4561.9	4555.8	4527.6	4498.9	4493.9	4489.0	4560.2	4632.0
22.5°	4686.7	4753.0	4819.9	4664.6	4509.4	4414.9	4319.9	4301.1	4281.8	4357.5	4433.7
25°	5178.9	5166.8	5154.1	4858.5	4562.4	4382.4	4202.3	4181.3	4160.3	4224.9	4290.1
27.5°	5666.2	5586.6	5507.1	5105.5	4703.9	4442.6	4181.3	4160.3	4139.3	4196.7	4254.2
30°	6023.6	5896.0	5768.4	5313.7	4859.1	4548.6	4238.2	4203.9	4169.1	4239.8	4310.5
32.5°	6302.6	6131.3	5960.1	5482.8	5005.5	4669.6	4333.7	4280.2	4226.6	4321.0	4415.5
35°	6581.0	6340.1	6098.7	5633.6	5167.9	4812.7	4456.9	4391.2	4325.5	4455.3	4585.1
37.5°	6931.2	6585.4	6239.0	5803.2	5367.3	5027.0	4686.2	4618.8	4551.4	4716.6	4882.3
40°	7311.3	6850.0	6388.7	5988.8	5588.8	5323.7	5058.0	4993.9	4929.2	5130.3	5331.4
42.5°	7627.3	7096.4	6565.5	6212.5	5859.0	5672.3	5485.0	5484.4	5483.3	5687.2	5891.0
45°	7884.1	7301.9	6719.1	6430.7	6141.8	6044.6	5947.4	6025.3	6103.1	6287.1	6471.6
47.5°	8075.8	7474.3	6872.1	6680.4	6488.7	6503.1	6517.5	6676.0	6834.5	6952.8	7071.5
50°	8200.7	7630.6	7059.9	7000.8	6941.7	7070.4	7199.7	7381.4	7563.7	7644.4	7725.0
52.5°	8382.4	7842.7	7302.4	7368.7	7435.0	7698.0	7960.9	8144.9	8328.8	8358.7	8389.1
55°	8802.8	8232.7	7662.1	7789.1	7916.7	8302.3	8688.5	8832.1	8975.7	8986.8	8997.8
57.5°	9400.0	8779.1	8158.1	8295.1	8432.1	8877.4	9323.2	9477.9	9633.1	9611.6	9589.5
60°	9846.9	9297.8	8748.1	8886.2	9024.3	9458.5	9892.7	10070.6	10249.1	10201.6	10154.0
62.5°	9874.5	9581.2	9287.3	9412.1	9537.5	9962.9	10388.3	10571.1	10754.0	10671.1	10588.2
65°	9435.3	9566.8	9698.3	9739.7	9781.2	10177.8	10575.0	10714.7	10855.1	10813.1	10771.1
67.5°	8830.4	9314.9	9799.9	9716.5	9633.1	9819.3	10005.4	10149.6	10293.8	10270.1	10245.7
70°	8226.6	8873.5	9520.4	9110.5	8700.1	8623.3	8546.5	8701.7	8857.5	8761.4	8664.7
72.5°	7198.6	7888.0	8578.0	7822.8	7067.7	6805.3	6542.9	6740.1	6937.3	6784.3	6630.7
75°	5650.7	6412.5	7174.8	6273.8	5372.8	5022.6	4672.4	4842.0	5011.6	4906.6	4801.1
77.5°	4206.7	4957.4	5708.2	4792.2	3875.8	3615.6	3354.9	3405.1	3455.9	3438.3	3420.0
80°	2853.3	3376.4	3900.1	3290.2	2680.3	2700.2	2720.7	2696.9	2672.6	2708.0	2743.3
82.5°	1820.8	2224.6	2629.0	2305.3	1981.5	2167.1	2352.8	2261.6	2169.9	2203.6	2237.9
85°	1039.1	1434.1	1829.6	1705.3	1580.5	1688.7	1797.6	1656.2	1514.7	1576.6	1639.0
87.5°	274.0	793.3	1313.1	1192.1	1071.1	930.8	790.5	603.2	416.0	607.7	799.4
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: P320548
 CATALOG NUMBER: GAN-SA4A-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

REPORT NUMBER: P320548

CATALOG NUMBER: GAN-SA4A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4
2.5°	4752.5	4743.1	4709.4	4675.1	4624.3	4582.3	4509.4
5°	5093.9	5034.2	4931.5	4828.2	4713.3	4581.2	4434.8
7.5°	5214.9	5075.1	4877.9	4680.1	4502.2	4293.4	4099.0
10°	5163.5	4954.1	4697.8	4440.9	4224.9	3984.6	3768.6
12.5°	5065.1	4842.5	4560.2	4277.4	4031.6	3773.6	3531.6
15°	4929.8	4751.9	4487.3	4222.7	3975.2	3724.4	3437.7
17.5°	4781.8	4697.2	4506.1	4314.4	4100.1	3857.0	3520.6
20°	4662.4	4693.4	4617.1	4540.9	4369.1	4157.0	3779.1
22.5°	4581.8	4730.4	4788.9	4848.0	4744.7	4579.0	4142.0
25°	4536.5	4782.9	4979.0	5175.6	5129.8	5002.2	4582.9
27.5°	4556.4	4858.5	5162.9	5467.9	5510.4	5475.0	5047.5
30°	4616.0	4922.1	5292.7	5664.0	5833.6	5881.1	5434.7
32.5°	4715.5	5015.4	5419.2	5823.6	6079.9	6231.3	5788.8
35°	4865.7	5146.4	5567.3	5988.2	6319.7	6595.9	6154.5
37.5°	5123.7	5365.1	5753.5	6142.4	6572.1	6987.0	6557.2
40°	5501.6	5672.3	6000.4	6329.1	6869.9	7430.1	7006.4
42.5°	5978.3	6066.1	6326.3	6586.5	7180.9	7832.2	7445.5
45°	6494.8	6518.0	6681.5	6845.6	7427.3	8106.2	7775.3
47.5°	6992.0	6912.4	6977.6	7042.8	7616.2	8301.8	8025.6
50°	7503.5	7282.0	7247.8	7213.5	7805.2	8532.1	8343.8
52.5°	8023.9	7658.8	7523.4	7387.5	8030.5	8837.6	8739.8
55°	8533.2	8068.7	7886.4	7704.1	8375.2	9210.5	9321.5
57.5°	9063.0	8536.6	8367.5	8198.5	8881.8	9682.8	9843.6
60°	9633.1	9111.6	8976.3	8840.4	9511.6	10193.3	10076.2
62.5°	10173.9	9759.6	9688.4	9616.5	10148.5	10585.5	9985.6
65°	10535.2	10298.8	10365.1	10431.9	10630.2	10683.3	9720.4
67.5°	10293.8	10341.9	10621.9	10902.6	10766.1	10392.7	9197.8
70°	8952.5	9240.9	9904.3	10568.4	10265.6	9614.3	8259.8
72.5°	6954.4	7278.7	8263.7	9249.2	8970.2	8172.5	6784.3
75°	5166.8	5533.0	6620.2	7707.4	7320.1	6113.1	4857.4
77.5°	3665.3	3910.6	4983.9	6057.8	5426.4	4069.1	3268.7
80°	2668.2	2593.1	3191.3	3789.6	3684.6	2691.4	2099.2
82.5°	2054.5	1871.0	2152.8	2434.5	2419.0	1867.7	1540.1
85°	1565.6	1492.1	1741.2	1990.4	1777.1	1265.0	978.9
87.5°	912.6	1026.4	1319.7	1613.6	1210.9	383.9	190.0
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



REPORT NUMBER: P320548
 CATALOG NUMBER: GAN-SA4A-727-U-SLR

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)