

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: P320769

Luminaire Tested: **GAN-SA5C-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320769
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-SA5C-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 80 CRI, 2700K, 1050mA 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: 22838 lumens
Efficiency: N/A
Efficacy: 81.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

Input Watts (W): 279
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



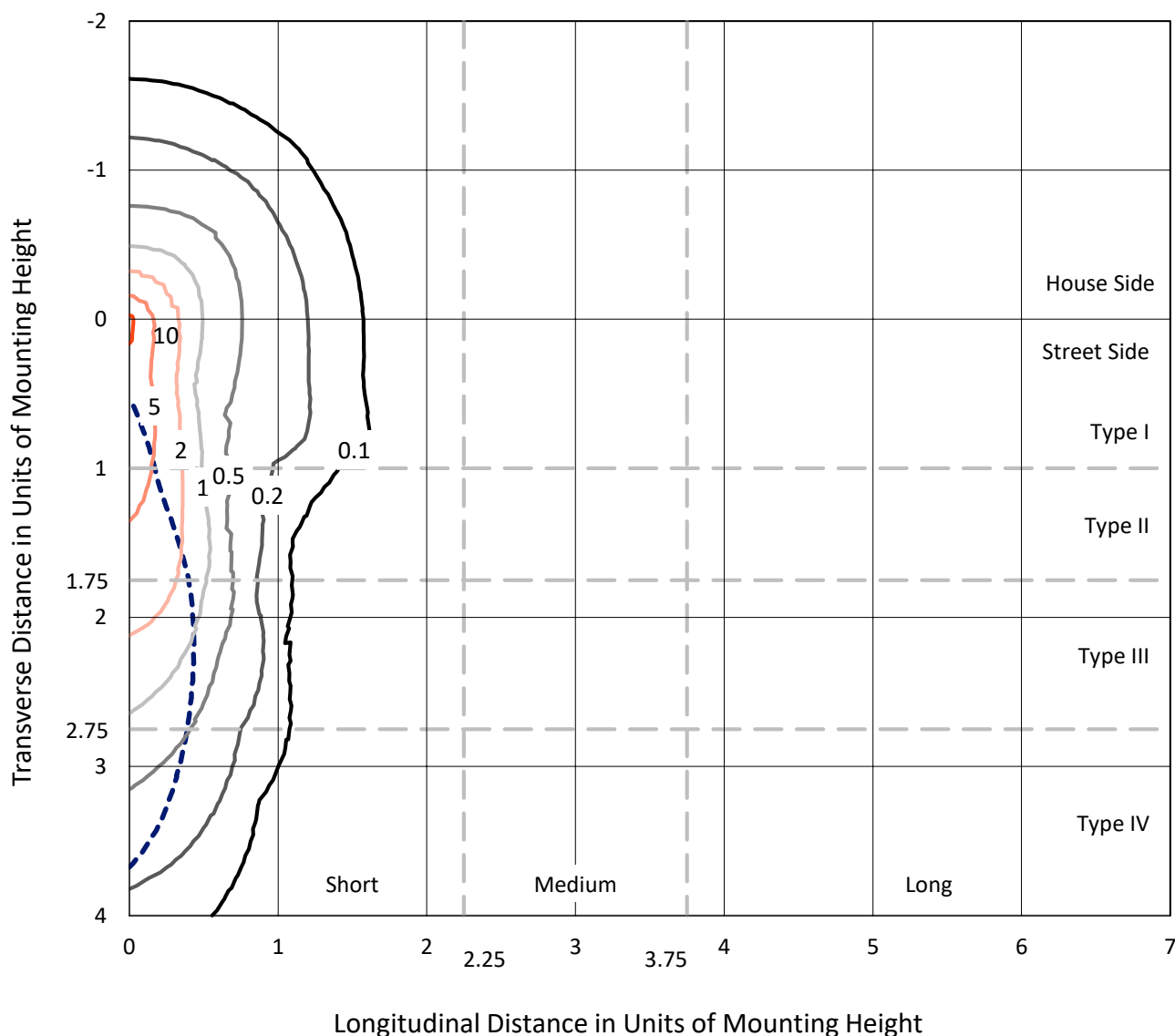
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

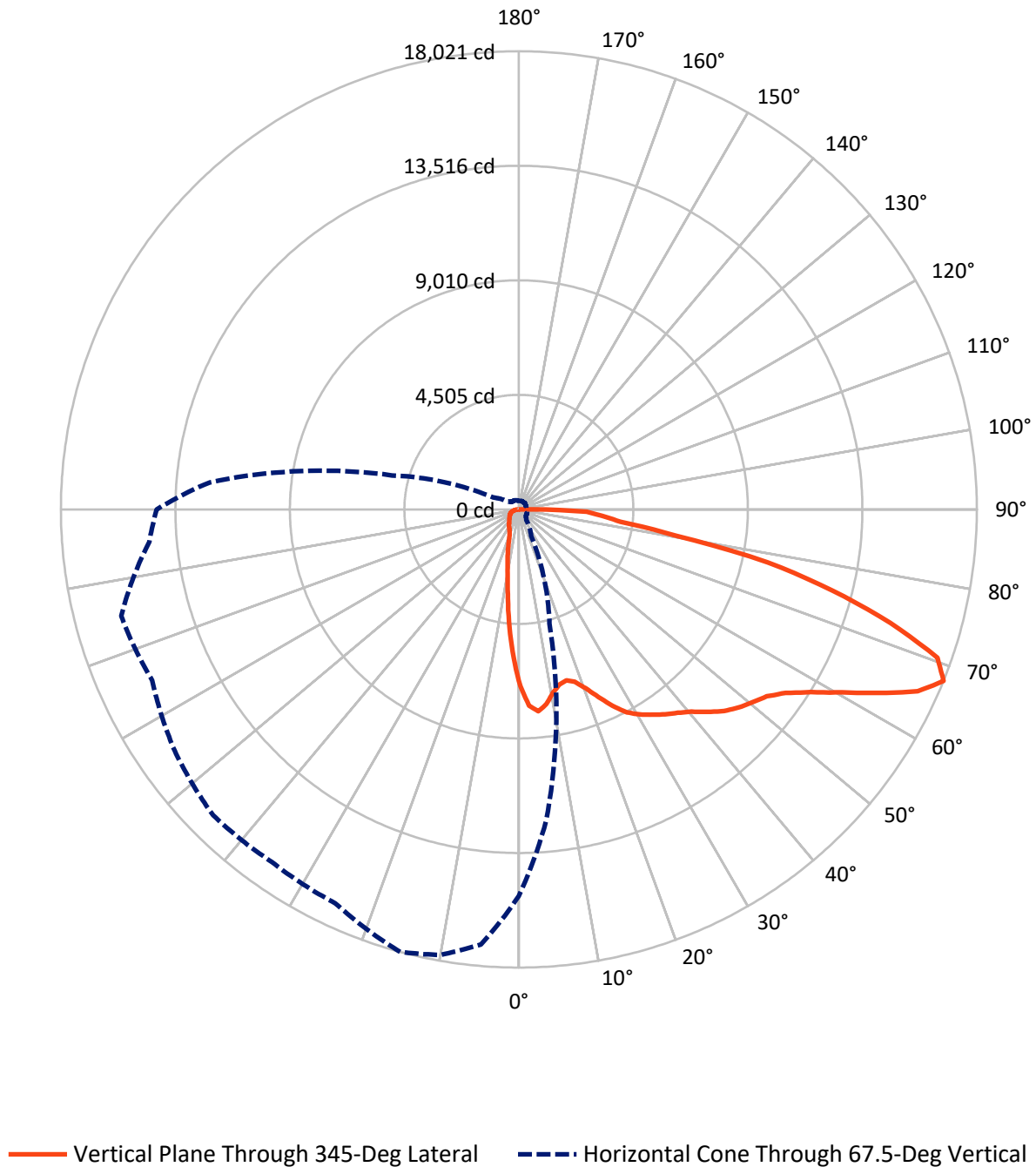
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.1 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	3948.2	0.0	3948.2
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	18889.8	0.0	18889.8
	% Fixture	82.7	0.0	82.7
Total	Lumens	22838.0	0.0	22838.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	537.0	2.4
10°-20°	1115.5	4.9
20°-30°	1586.5	6.9
30°-40°	2286.2	10.0
40°-50°	3221.9	14.1
50°-60°	4478.9	19.6
60°-70°	5416.4	23.7
70°-80°	3329.3	14.6
80°-90°	866.3	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°	22838.0	100.0
0°-180°	22838.0	100.0

Coefficient of Utilization



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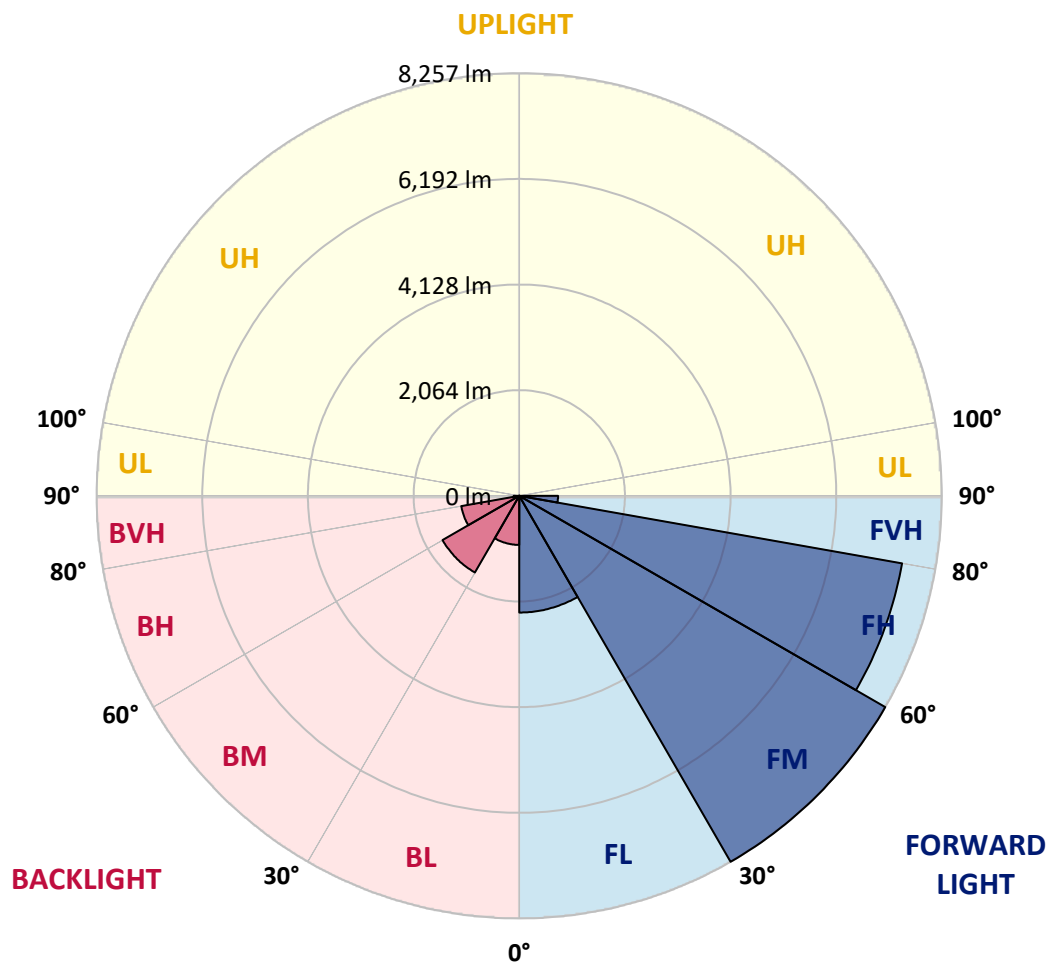
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2280.4	10.0			
FM	(30°-60°)	8256.5	36.2			
FH	(60°-80°)	7595.1	33.3			G4/12000
FVH	(80°-90°)	757.7	3.3			G5
BL	(0°-30°)	958.6	4.2	B2/1000		
BM	(30°-60°)	1730.4	7.6	B2/2500		
BH	(60°-80°)	1150.6	5.0	B3/2500		G3/2500
BVH	(80°-90°)	108.6	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8
2.5°	7453.6	7387.8	7288.3	7188.8	7114.8	7039.9	6955.0	6870.1	6773.3	6675.6	6618.1
5°	7330.3	7147.7	6910.3	6672.9	6515.8	6358.8	6180.7	6002.7	5826.4	5650.2	5555.2
7.5°	6775.1	6501.2	6192.6	5884.0	5655.7	5426.5	5180.0	4932.5	4713.4	4493.3	4357.3
10°	6229.1	5900.4	5546.1	5190.9	4898.7	4606.5	4359.1	4110.7	3945.5	3780.2	3655.1
12.5°	5837.4	5473.1	5083.2	4692.4	4400.2	4108.0	3950.9	3793.9	3656.9	3520.0	3375.7
15°	5682.2	5270.4	4871.3	4471.4	4205.7	3940.0	3765.6	3590.3	3406.7	3222.3	3045.2
17.5°	5819.1	5337.0	4903.3	4469.6	4121.7	3773.8	3530.0	3285.3	3043.3	2801.4	2595.9
20°	6246.5	5631.0	5064.0	4496.1	4033.1	3570.2	3243.3	2915.5	2605.0	2294.6	2061.8
22.5°	6846.4	6031.9	5291.4	4550.8	3952.8	3353.8	2943.8	2532.9	2165.9	1798.8	1570.5
25°	7575.0	6563.3	5619.2	4674.1	3919.9	3164.8	2660.7	2156.7	1769.6	1381.5	1219.0
27.5°	8342.9	7197.0	6026.4	4854.9	3925.4	2995.9	2422.4	1848.1	1499.3	1150.5	1039.1
30°	8983.0	7921.1	6501.2	5080.4	3946.4	2812.3	2197.8	1583.3	1295.7	1008.1	935.9
32.5°	9568.3	8426.0	6859.1	5291.4	3970.1	2648.0	2024.3	1399.8	1165.1	929.5	870.2
35°	10172.7	8874.3	7109.3	5343.4	3929.0	2513.7	1905.6	1297.5	1081.1	863.8	813.6
37.5°	10838.4	9359.2	7350.4	5340.7	3859.6	2378.6	1813.4	1247.3	1026.3	804.4	767.9
40°	11580.7	9895.2	7611.5	5327.9	3796.6	2264.5	1744.9	1224.5	996.2	767.0	736.0
42.5°	12306.6	10406.5	7854.4	5302.3	3745.5	2187.8	1677.3	1166.9	968.8	769.7	725.9
45°	12851.8	10853.0	8065.3	5276.8	3707.2	2137.5	1624.4	1111.2	943.2	775.2	719.5
47.5°	13265.4	11301.3	8299.1	5295.9	3703.5	2111.1	1587.0	1062.8	894.8	725.9	703.1
50°	13791.3	11840.1	8639.7	5439.3	3753.7	2068.2	1543.1	1017.2	848.3	679.3	710.4
52.5°	14446.0	12608.9	9167.4	5725.1	3858.7	1992.4	1473.7	955.1	791.7	627.3	675.7
55°	15407.5	13594.1	9842.2	6089.4	3985.6	1881.0	1368.7	855.6	716.8	577.1	620.0
57.5°	16270.4	14589.4	10489.6	6388.9	4065.1	1740.4	1236.3	732.3	632.8	533.2	557.9
60°	16654.8	15102.5	10792.7	6482.0	4017.6	1553.2	1087.5	620.9	558.8	496.7	492.2
62.5°	16505.0	14776.6	10494.2	6211.8	3785.7	1359.6	956.0	552.4	505.9	458.4	448.3
65°	16066.8	13752.1	9657.8	5563.5	3394.0	1224.5	872.9	521.4	469.3	417.3	406.3
67.5°	15203.0	12293.9	8472.6	4651.3	2896.3	1141.4	825.4	509.5	446.5	382.6	369.8
70°	13652.5	10538.9	7107.5	3675.2	2383.2	1090.2	794.4	498.5	421.8	344.2	332.4
72.5°	11213.7	8449.7	5675.8	2900.9	1992.4	1083.8	790.7	497.6	401.8	305.9	294.9
75°	8028.8	6418.1	4332.6	2246.2	1631.7	1017.2	750.6	483.9	374.4	263.9	253.8
77.5°	5402.8	4442.2	3011.4	1579.6	1210.8	841.9	630.9	420.0	320.5	221.0	210.9
80°	3469.7	3074.4	2017.9	961.5	785.3	609.0	451.1	293.1	233.8	173.5	165.3
82.5°	2545.7	2288.2	1402.5	516.8	436.5	355.2	275.8	196.3	159.8	123.3	119.6
85°	1618.0	1784.2	1032.7	281.2	230.1	179.0	147.9	116.9	92.2	67.6	67.6
87.5°	314.1	434.6	285.8	136.1	99.5	63.0	53.9	43.8	24.7	4.6	5.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8
2.5°	6559.6	6496.6	6433.6	6362.4	6290.3	6223.6	6156.1	6082.1	6095.8	6039.2	5982.6
5°	5460.3	5359.8	5258.5	5170.8	5083.2	5007.4	4930.7	4862.2	4921.6	4881.4	4841.2
7.5°	4220.3	4096.1	3971.0	3866.0	3761.0	3679.8	3597.6	3541.0	3599.4	3592.1	3584.8
10°	3530.0	3409.5	3288.0	3172.1	3056.1	2957.5	2858.0	2774.0	2759.4	2717.4	2674.4
12.5°	3230.5	3065.2	2899.1	2777.6	2656.2	2538.4	2420.6	2322.0	2277.2	2207.9	2137.5
15°	2868.0	2672.6	2477.2	2339.3	2200.5	2086.4	1971.4	1886.4	1858.1	1804.3	1750.4
17.5°	2390.5	2176.8	1963.1	1823.4	1682.8	1591.5	1499.3	1442.7	1442.7	1427.2	1411.6
20°	1828.9	1638.1	1447.2	1340.4	1233.6	1185.2	1135.9	1112.1	1119.4	1120.4	1120.4
22.5°	1341.3	1224.5	1107.6	1064.7	1020.8	1003.5	986.1	976.1	979.7	980.7	981.6
25°	1056.4	1011.7	966.1	944.1	921.3	910.4	899.4	895.7	904.0	904.9	904.9
27.5°	927.7	900.3	872.0	858.3	843.7	839.1	834.6	828.2	836.4	836.4	835.5
30°	862.9	833.7	804.4	787.1	769.7	771.6	772.5	770.6	776.1	779.8	782.5
32.5°	809.9	781.6	753.3	736.0	717.7	715.0	712.2	710.4	722.3	728.6	735.0
35°	762.4	731.4	700.3	683.9	667.5	661.1	654.7	650.1	661.1	669.3	677.5
37.5°	730.5	698.5	665.6	650.1	633.7	625.5	617.2	611.8	616.3	620.0	623.6
40°	704.9	672.0	638.3	620.0	601.7	593.5	585.3	580.7	583.5	584.4	585.3
42.5°	681.2	649.2	617.2	597.2	576.2	566.1	556.1	550.6	552.4	554.2	555.2
45°	663.8	631.9	599.0	575.2	550.6	539.6	528.7	522.3	523.2	523.2	523.2
47.5°	680.3	633.7	586.2	558.8	530.5	517.7	504.9	498.5	496.7	494.9	493.1
50°	740.5	661.1	580.7	546.0	510.4	496.7	482.1	474.8	470.2	468.4	466.6
52.5°	723.2	654.7	585.3	540.5	494.9	478.5	462.0	450.2	445.6	442.8	440.1
55°	662.0	619.1	575.2	521.4	467.5	452.9	437.4	429.2	420.9	419.1	417.3
57.5°	581.6	564.3	546.9	492.2	437.4	423.7	409.1	403.6	396.3	396.3	395.4
60°	486.7	512.2	537.8	474.8	410.9	395.4	379.8	375.3	372.5	371.6	370.7
62.5°	437.4	479.4	520.5	453.8	386.2	369.8	353.4	347.9	347.0	347.9	347.9
65°	395.4	408.2	420.9	389.9	358.8	342.4	325.1	319.6	321.4	324.1	326.9
67.5°	357.0	354.3	351.5	340.6	328.7	315.0	300.4	294.9	295.8	299.5	303.1
70°	320.5	316.8	312.3	304.1	295.8	284.0	272.1	268.4	267.5	272.1	275.8
72.5°	284.0	279.4	273.9	267.5	260.2	250.2	240.1	237.4	238.3	241.1	243.8
75°	243.8	240.1	235.6	230.1	223.7	214.6	205.4	203.6	205.4	208.2	210.9
77.5°	200.0	199.1	197.2	192.7	188.1	178.1	167.1	166.2	168.9	171.7	173.5
80°	156.1	157.1	158.0	154.3	150.7	139.7	127.8	126.9	129.7	132.4	135.1
82.5°	115.0	117.8	119.6	115.0	110.5	97.7	84.9	83.1	92.2	95.0	97.7
85°	66.7	70.3	74.0	70.3	66.7	53.9	41.1	40.2	48.4	53.0	57.5
87.5°	5.5	7.3	9.1	8.2	7.3	3.7	0.0	0.0	0.9	4.6	8.2
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: P320769
 CATALOG NUMBER: GAN-SA5C-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: P320769

CATALOG NUMBER: GAN-SA5C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8
2.5°	5947.0	5911.4	5900.4	5889.4	5849.3	5808.2	5850.2	5891.3	5908.6	5926.0	5881.2
5°	4835.7	4829.3	4829.3	4828.4	4791.9	4754.5	4782.8	4810.2	4749.0	4687.8	4681.4
7.5°	3624.1	3663.3	3695.3	3726.3	3714.5	3702.6	3729.1	3755.5	3677.9	3599.4	3561.1
10°	2683.6	2691.8	2726.5	2761.2	2769.4	2776.7	2809.6	2841.5	2781.3	2721.0	2694.5
12.5°	2093.7	2049.9	2054.5	2058.1	2074.5	2090.1	2124.8	2158.5	2133.9	2108.3	2111.1
15°	1695.6	1639.9	1617.1	1593.3	1611.6	1629.9	1654.5	1678.3	1679.2	1679.2	1702.9
17.5°	1384.2	1355.9	1333.1	1309.4	1334.0	1357.8	1360.5	1363.2	1364.2	1365.1	1363.2
20°	1134.1	1147.8	1140.5	1133.1	1142.3	1150.5	1157.8	1164.2	1156.0	1146.8	1124.0
22.5°	994.4	1006.2	1015.4	1023.6	1039.1	1053.7	1046.4	1038.2	1021.7	1004.4	987.1
25°	913.1	921.3	930.4	939.6	952.4	964.2	951.4	938.7	926.8	914.9	903.0
27.5°	844.6	852.8	861.0	868.3	880.2	891.2	879.3	867.4	857.4	847.3	838.2
30°	788.9	794.4	800.8	807.2	818.1	828.2	818.1	807.2	799.9	791.7	785.3
32.5°	741.4	746.9	749.6	752.4	762.4	772.5	765.2	757.9	751.5	745.1	740.5
35°	689.4	700.3	702.2	704.0	714.0	724.1	719.5	714.0	706.7	699.4	691.2
37.5°	636.4	649.2	656.5	662.9	672.9	683.0	678.4	673.9	663.8	653.8	639.2
40°	591.7	597.2	610.9	623.6	640.1	655.6	646.5	636.4	620.9	605.4	598.1
42.5°	554.2	553.3	566.1	578.9	603.6	627.3	610.9	594.4	579.8	565.2	563.4
45°	521.4	518.6	525.0	531.4	557.9	583.5	567.0	549.7	541.5	533.2	533.2
47.5°	492.2	490.3	494.9	498.5	515.0	530.5	522.3	514.1	509.5	504.9	505.9
50°	465.7	463.9	468.4	472.1	478.5	483.9	485.8	486.7	483.9	481.2	483.0
52.5°	441.0	441.0	442.8	443.8	452.0	460.2	460.2	459.3	459.3	459.3	461.1
55°	420.0	421.8	421.8	421.8	434.6	446.5	442.8	439.2	440.1	440.1	441.9
57.5°	399.0	401.8	403.6	405.4	418.2	431.0	427.3	423.7	423.7	423.7	424.6
60°	375.3	378.9	382.6	386.2	399.0	411.8	408.2	403.6	404.5	405.4	406.3
62.5°	352.5	356.1	359.8	363.4	376.2	389.0	385.3	380.8	383.5	385.3	385.3
65°	330.5	333.3	336.9	340.6	352.5	364.3	360.7	357.0	360.7	363.4	365.2
67.5°	305.9	307.7	311.4	315.0	326.9	338.8	335.1	330.5	335.1	338.8	342.4
70°	277.6	279.4	284.0	287.6	299.5	311.4	306.8	302.2	306.8	311.4	315.0
72.5°	246.5	248.4	252.9	256.6	270.3	284.0	278.5	273.0	278.5	284.0	285.8
75°	212.8	214.6	220.1	224.6	238.3	252.0	247.4	242.0	246.5	251.1	252.0
77.5°	176.2	179.0	186.3	193.6	204.5	215.5	212.8	210.0	212.8	215.5	215.5
80°	137.9	140.6	149.7	158.0	164.4	170.7	171.7	172.6	173.5	174.4	173.5
82.5°	102.3	105.9	114.1	122.4	122.4	122.4	129.7	136.1	136.1	135.1	134.2
85°	63.0	67.6	74.9	82.2	77.6	73.0	84.9	95.9	95.9	95.0	93.1
87.5°	12.8	17.3	24.7	31.0	26.5	21.9	33.8	45.7	46.6	46.6	44.7
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



REPORT NUMBER: P320769
 CATALOG NUMBER: GAN-SA5C-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: P320769

CATALOG NUMBER: GAN-SA5C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8
2.5°	5835.6	5906.8	5977.1	5995.4	6022.7	6034.6	6045.6	6135.1	6223.6	6327.7	6431.8
5°	4674.1	4727.1	4780.0	4788.3	4816.6	4831.2	4845.8	4954.4	5062.2	5207.4	5352.5
7.5°	3522.7	3535.5	3548.3	3546.4	3570.2	3602.1	3633.2	3749.2	3864.2	4020.3	4175.6
10°	2668.1	2697.3	2725.6	2752.1	2804.1	2864.4	2923.7	3042.4	3161.1	3315.4	3468.8
12.5°	2113.8	2147.6	2180.5	2209.7	2269.9	2350.3	2429.7	2572.2	2714.6	2899.1	3082.6
15°	1725.7	1723.0	1720.3	1740.4	1793.3	1881.0	1967.7	2118.4	2269.0	2471.7	2673.5
17.5°	1361.4	1347.7	1334.0	1349.5	1398.9	1471.0	1542.2	1670.0	1797.0	1993.3	2189.6
20°	1101.2	1092.1	1082.9	1097.5	1128.6	1158.7	1188.8	1281.1	1372.4	1532.2	1691.0
22.5°	968.8	967.9	966.1	974.3	988.9	1004.4	1019.0	1063.8	1107.6	1210.8	1313.0
25°	891.2	890.3	889.4	893.0	904.9	916.7	928.6	957.8	987.1	1036.4	1085.7
27.5°	829.1	827.3	825.4	826.3	829.1	847.3	864.7	878.4	891.2	925.0	957.8
30°	778.9	778.0	777.0	777.0	774.3	780.7	787.1	808.1	828.2	862.9	897.6
32.5°	736.0	731.4	726.8	716.8	710.4	719.5	728.6	750.6	772.5	804.4	836.4
35°	682.1	670.2	657.4	651.9	652.9	662.0	671.1	693.0	714.0	748.7	782.5
37.5°	623.6	620.0	615.4	614.5	617.2	626.4	635.5	654.7	672.9	707.6	741.4
40°	590.8	588.9	587.1	585.3	587.1	596.2	605.4	623.6	641.0	674.8	707.6
42.5°	561.6	560.6	559.7	559.7	560.6	570.7	580.7	599.0	616.3	646.5	676.6
45°	533.2	534.2	534.2	536.0	538.7	548.8	557.9	578.0	598.1	627.3	656.5
47.5°	506.8	509.5	511.3	515.9	518.6	529.6	539.6	561.6	583.5	620.0	655.6
50°	483.9	486.7	488.5	492.2	499.5	512.2	525.0	551.5	577.1	638.3	698.5
52.5°	462.9	465.7	468.4	472.1	481.2	495.8	510.4	543.3	575.2	646.5	717.7
55°	443.8	446.5	448.3	453.8	462.9	475.7	487.6	527.8	567.9	620.0	672.0
57.5°	425.5	428.2	430.1	433.7	438.3	452.0	464.8	507.7	550.6	587.1	622.7
60°	406.3	408.2	409.1	409.1	412.7	428.2	443.8	498.5	552.4	546.0	538.7
62.5°	385.3	387.2	388.1	385.3	389.9	406.3	422.8	494.0	565.2	521.4	477.5
65°	366.1	365.2	364.3	361.6	367.1	383.5	399.0	434.6	470.2	452.9	435.5
67.5°	345.1	342.4	339.7	336.0	341.5	356.1	369.8	381.7	393.5	395.4	397.2
70°	318.7	315.0	311.4	310.5	313.2	325.1	336.9	345.1	352.5	356.1	358.8
72.5°	287.6	284.9	282.1	280.3	281.2	291.3	300.4	307.7	315.0	317.8	319.6
75°	252.9	252.9	252.0	246.5	246.5	254.8	262.1	268.4	274.8	278.5	282.1
77.5°	215.5	216.4	216.4	209.1	208.2	216.4	223.7	229.2	233.8	237.4	240.1
80°	172.6	170.7	168.9	164.4	162.5	172.6	181.7	186.3	189.9	190.8	190.8
82.5°	132.4	128.7	124.2	114.1	115.0	126.0	136.1	139.7	143.4	143.4	143.4
85°	90.4	83.1	74.9	66.7	67.6	79.4	90.4	94.0	97.7	99.5	100.4
87.5°	42.9	35.6	27.4	21.0	21.0	31.0	40.2	42.0	43.8	47.5	51.1
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: P320769
 CATALOG NUMBER: GAN-SA5C-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: P320769

CATALOG NUMBER: GAN-SA5C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8
2.5°	6511.3	6589.8	6671.0	6752.3	6845.4	6938.6	7047.2	7155.0	7247.2	7339.4	7416.1
5°	5477.6	5602.7	5749.7	5896.7	6083.9	6271.1	6500.3	6728.6	6932.2	7135.8	7372.3
7.5°	4339.0	4501.5	4693.3	4885.0	5127.0	5369.0	5665.7	5962.5	6250.1	6536.8	6900.2
10°	3639.6	3810.3	3999.3	4187.4	4434.0	4679.6	4993.7	5306.9	5630.1	5952.4	6363.3
12.5°	3272.5	3461.5	3627.7	3793.9	3993.9	4192.9	4497.0	4801.0	5180.9	5559.8	5955.2
15°	2880.8	3087.2	3286.2	3485.3	3703.5	3920.8	4216.7	4512.5	4928.0	5343.4	5798.1
17.5°	2406.9	2624.2	2867.1	3109.1	3394.0	3677.9	4056.9	4435.8	4928.0	5419.2	5955.2
20°	1912.9	2134.8	2425.2	2715.5	3069.8	3423.2	3914.4	4405.7	5068.6	5730.6	6414.5
22.5°	1509.3	1704.7	2021.6	2337.5	2746.6	3155.6	3785.7	4414.8	5281.3	6146.9	7070.1
25°	1223.5	1361.4	1672.8	1983.2	2455.3	2927.4	3707.2	4486.0	5590.9	6694.8	7839.8
27.5°	1048.2	1138.6	1429.0	1718.4	2234.3	2749.3	3675.2	4600.2	5983.5	7366.8	8677.1
30°	960.6	1023.6	1269.2	1513.9	2038.0	2562.1	3636.8	4711.6	6361.5	8010.5	9331.8
32.5°	887.5	937.7	1147.8	1356.9	1868.2	2379.5	3562.9	4745.3	6625.4	8505.4	9886.0
35°	825.4	867.4	1050.1	1232.7	1734.9	2237.1	3438.7	4640.3	6790.7	8941.0	10463.1
37.5°	775.2	808.1	977.0	1145.9	1619.8	2093.7	3297.2	4500.6	6937.7	9374.7	11112.3
40°	736.0	764.3	922.2	1080.2	1510.3	1940.3	3175.7	4410.2	7140.4	9870.5	11798.1
42.5°	714.0	750.6	874.7	998.0	1406.2	1814.3	3078.0	4341.7	7328.5	10314.3	12398.0
45°	708.6	760.6	850.1	939.6	1328.5	1717.5	2991.3	4264.1	7449.9	10635.7	12849.9
47.5°	699.4	742.3	830.9	919.5	1290.2	1660.0	2944.7	4228.5	7571.4	10913.3	13225.2
50°	704.9	710.4	815.4	919.5	1284.7	1650.0	2997.7	4345.4	7834.3	11322.3	13654.4
52.5°	694.9	671.1	786.2	901.2	1283.8	1666.4	3150.2	4633.9	8322.8	12010.8	14119.1
55°	641.9	610.9	731.4	851.9	1264.6	1676.4	3331.9	4986.4	8978.4	12969.5	14954.6
57.5°	595.3	567.0	669.3	770.6	1206.2	1641.7	3519.1	5395.5	9671.5	13946.6	15896.0
60°	533.2	526.9	599.9	672.9	1115.8	1557.7	3673.4	5788.1	10137.1	14485.3	16258.5
62.5°	482.1	485.8	539.6	593.5	1002.6	1410.7	3724.5	6037.4	10124.4	14211.4	15893.3
65°	442.8	449.2	502.2	555.2	905.8	1256.4	3556.5	5855.7	9612.1	13367.7	15171.0
67.5°	404.5	411.8	474.8	536.9	820.0	1102.1	3136.5	5169.9	8690.8	12210.8	14252.4
70°	368.0	377.1	445.6	514.1	757.9	1000.7	2595.0	4189.3	7537.6	10885.0	13188.7
72.5°	328.7	337.8	410.9	483.9	718.6	952.4	2115.6	3278.0	6116.8	8954.7	11281.2
75°	288.5	294.9	374.4	452.9	664.7	876.6	1660.0	2442.5	4681.4	6920.3	8521.0
77.5°	248.4	256.6	323.2	389.0	564.3	738.7	1250.9	1763.2	3435.0	5106.0	5926.0
80°	198.1	205.4	252.9	299.5	435.5	570.7	860.1	1149.6	2364.0	3578.4	4040.4
82.5°	151.6	159.8	191.7	222.8	310.5	398.1	521.4	644.6	1570.5	2495.5	2533.8
85°	104.1	106.8	129.7	151.6	191.7	231.9	298.6	365.2	1039.1	1713.0	1427.2
87.5°	52.0	52.0	67.6	83.1	103.2	123.3	158.0	191.7	332.4	473.0	272.1
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: P320769
 CATALOG NUMBER: GAN-SA5C-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: P320769

CATALOG NUMBER: GAN-SA5C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8
2.5°	7513.8	7580.5	7648.1	7699.2	7751.2	7826.1	7901.0	7914.7	7929.3	7900.1	7870.8
5°	7610.6	7812.4	8015.1	8202.3	8389.5	8501.8	8614.1	8636.9	8659.8	8589.4	8518.2
7.5°	7251.8	7603.3	7954.9	8277.2	8599.5	8794.9	8991.2	9035.0	9079.8	8964.7	8849.7
10°	6772.4	7204.3	7636.2	8060.8	8485.4	8769.3	9053.3	9109.9	9166.5	9023.2	8879.8
12.5°	6401.7	6862.8	7323.9	7771.3	8219.6	8513.7	8807.7	8878.0	8948.3	8844.2	8739.2
15°	6287.5	6721.3	7155.0	7544.9	7935.7	8175.8	8416.9	8445.2	8474.4	8458.0	8441.5
17.5°	6494.8	6886.5	7279.2	7491.0	7703.8	7799.6	7896.4	7927.5	7959.4	8000.5	8042.5
20°	6997.0	7272.8	7549.4	7540.3	7530.3	7483.7	7436.2	7428.0	7419.8	7537.6	7656.3
22.5°	7746.7	7856.2	7966.7	7710.1	7453.6	7297.4	7140.4	7109.3	7077.4	7202.5	7328.5
25°	8560.2	8540.1	8519.1	8030.6	7541.2	7243.6	6945.9	6911.2	6876.5	6983.3	7091.1
27.5°	9365.6	9234.1	9102.6	8438.8	7775.0	7343.1	6911.2	6876.5	6841.8	6936.8	7031.7
30°	9956.3	9745.4	9534.5	8783.0	8031.6	7518.4	7005.2	6948.6	6891.1	7008.0	7124.9
32.5°	10417.5	10134.4	9851.3	9062.4	8273.5	7718.4	7163.2	7074.6	6986.1	7142.2	7298.3
35°	10877.7	10479.5	10080.5	9311.7	8542.0	7954.9	7366.8	7258.2	7149.5	7364.1	7578.7
37.5°	11456.6	10885.0	10312.5	9592.0	8871.6	8309.1	7745.8	7634.4	7523.0	7796.0	8069.9
40°	12084.8	11322.3	10559.9	9898.8	9237.7	8799.5	8360.3	8254.3	8147.5	8479.9	8812.2
42.5°	12607.1	11729.6	10852.1	10268.6	9684.2	9375.6	9066.1	9065.2	9063.3	9400.3	9737.2
45°	13031.6	12069.2	11105.9	10629.3	10151.7	9991.0	9830.3	9959.1	10087.8	10391.9	10696.9
47.5°	13348.5	12354.1	11358.9	11042.0	10725.2	10748.9	10772.6	11034.7	11296.8	11492.2	11688.5
50°	13554.8	12612.5	11669.3	11571.6	11473.9	11686.7	11900.3	12200.7	12502.0	12635.4	12768.7
52.5°	13855.2	12963.2	12070.2	12179.7	12289.3	12723.9	13158.6	13462.6	13766.7	13816.0	13866.2
55°	14550.1	13607.8	12664.6	12874.6	13085.5	13722.8	14361.1	14598.5	14835.9	14854.2	14872.4
57.5°	15537.2	14510.8	13484.5	13711.0	13937.4	14673.4	15410.2	15665.9	15922.5	15886.9	15850.4
60°	16275.9	15368.2	14459.7	14688.0	14916.3	15633.9	16351.6	16645.7	16940.6	16862.1	16783.5
62.5°	16321.5	15836.7	15350.9	15557.2	15764.5	16467.6	17170.7	17472.9	17775.1	17638.2	17501.2
65°	15595.6	15812.9	16030.2	16098.7	16167.2	16822.8	17479.3	17710.3	17942.2	17872.8	17803.5
67.5°	14595.8	15396.5	16198.2	16060.4	15922.5	16230.2	16537.9	16776.2	17014.5	16975.3	16935.1
70°	13597.8	14667.0	15736.2	15058.7	14380.3	14253.4	14126.4	14383.0	14640.5	14481.6	14321.8
72.5°	11898.5	13038.0	14178.5	12930.3	11682.1	11248.4	10814.7	11140.6	11466.6	11213.7	10959.8
75°	9340.0	10599.2	11859.2	10370.0	8880.7	8301.8	7722.9	8003.2	8283.6	8110.1	7935.7
77.5°	6953.2	8194.1	9435.0	7921.1	6406.2	5976.2	5545.2	5628.3	5712.3	5683.1	5652.9
80°	4716.1	5580.8	6446.4	5438.4	4430.3	4463.2	4497.0	4457.7	4417.5	4476.0	4534.4
82.5°	3009.5	3677.0	4345.4	3810.3	3275.3	3582.1	3888.9	3738.2	3586.6	3642.3	3698.9
85°	1717.5	2370.4	3024.2	2818.7	2612.4	2791.3	2971.2	2737.4	2503.7	2606.0	2709.1
87.5°	452.9	1311.2	2170.4	1970.5	1770.5	1538.6	1306.6	997.1	687.6	1004.4	1321.2
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: P320769
 CATALOG NUMBER: GAN-SA5C-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

REPORT NUMBER: P320769

CATALOG NUMBER: GAN-SA5C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8	6957.8
2.5°	7855.3	7839.8	7784.1	7727.5	7643.5	7574.1	7453.6
5°	8419.6	8321.0	8151.2	7980.4	7790.5	7572.3	7330.3
7.5°	8619.6	8388.6	8062.6	7735.7	7441.7	7096.5	6775.1
10°	8534.7	8188.6	7764.9	7340.3	6983.3	6586.1	6229.1
12.5°	8372.1	8004.2	7537.6	7070.1	6663.7	6237.3	5837.4
15°	8148.4	7854.4	7417.0	6979.7	6570.6	6156.1	5682.2
17.5°	7903.7	7764.0	7448.1	7131.2	6777.0	6375.2	5819.1
20°	7706.5	7757.6	7631.6	7505.6	7221.6	6871.0	6246.5
22.5°	7573.2	7818.8	7915.6	8013.3	7842.5	7568.6	6846.4
25°	7498.3	7905.5	8229.7	8554.8	8479.0	8268.0	7575.0
27.5°	7531.2	8030.6	8533.8	9037.8	9108.1	9049.6	8342.9
30°	7629.8	8135.6	8748.3	9361.9	9642.2	9720.8	8983.0
32.5°	7794.1	8290.0	8957.4	9625.8	10049.5	10299.7	9568.3
35°	8042.5	8506.4	9202.1	9897.9	10445.8	10902.3	10172.7
37.5°	8468.9	8867.9	9509.8	10152.7	10863.0	11548.8	10838.4
40°	9093.5	9375.6	9918.0	10461.3	11355.2	12281.1	11580.7
42.5°	9881.5	10026.7	10456.7	10886.8	11869.3	12945.8	12306.6
45°	10735.2	10773.6	11043.8	11315.0	12276.5	13398.7	12851.8
47.5°	11557.0	11425.5	11533.3	11641.0	12588.8	13721.9	13265.4
50°	12402.5	12036.4	11979.8	11923.1	12901.1	14102.7	13791.3
52.5°	13262.6	12659.1	12435.4	12210.8	13273.6	14607.6	14446.0
55°	14104.5	13336.6	13035.3	12734.0	13843.4	15224.0	15407.5
57.5°	14980.2	14110.0	13830.6	13551.2	14680.7	16004.7	16270.4
60°	15922.5	15060.5	14836.8	14612.2	15721.6	16848.4	16654.8
62.5°	16816.4	16131.6	16013.8	15895.1	16774.4	17496.7	16505.0
65°	17413.6	17022.8	17132.3	17242.8	17570.6	17658.3	16066.8
67.5°	17014.5	17094.0	17556.9	18020.8	17795.2	17178.0	15203.0
70°	14797.6	15274.2	16370.8	17468.3	16968.0	15891.4	13652.5
72.5°	11494.9	12030.9	13658.9	15287.9	14826.8	13508.3	11213.7
75°	8540.1	9145.5	10942.5	12739.4	12099.4	10104.3	8028.8
77.5°	6058.4	6463.8	8237.9	10013.0	8969.3	6725.8	5402.8
80°	4410.2	4286.1	5274.9	6263.8	6090.3	4448.6	3469.7
82.5°	3395.8	3092.6	3558.3	4024.0	3998.4	3087.2	2545.7
85°	2587.7	2466.3	2878.1	3289.9	2937.4	2091.0	1618.0
87.5°	1508.4	1696.5	2181.4	2667.1	2001.5	634.6	314.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320769

CATALOG NUMBER: GAN-SA5C-827-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)