

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: P320759

Luminaire Tested: **GAN-SA5B-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320759
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-SA5B-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 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: 18452 lumens
Efficiency: N/A
Efficacy: 87.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G4

Input Watts (W): 210
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

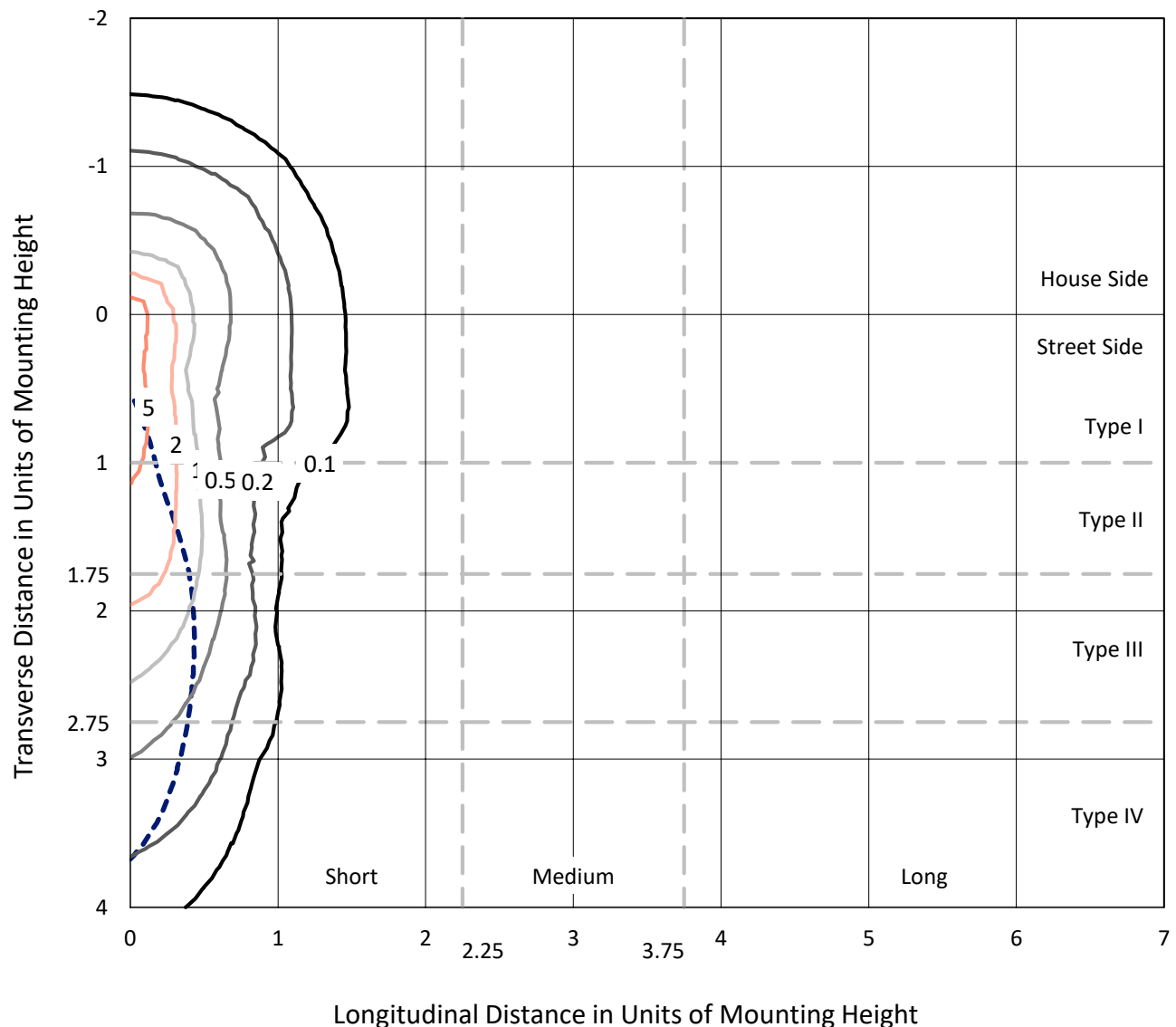


REPORT NUMBER: P320759

CATALOG NUMBER: GAN-SA5B-827-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

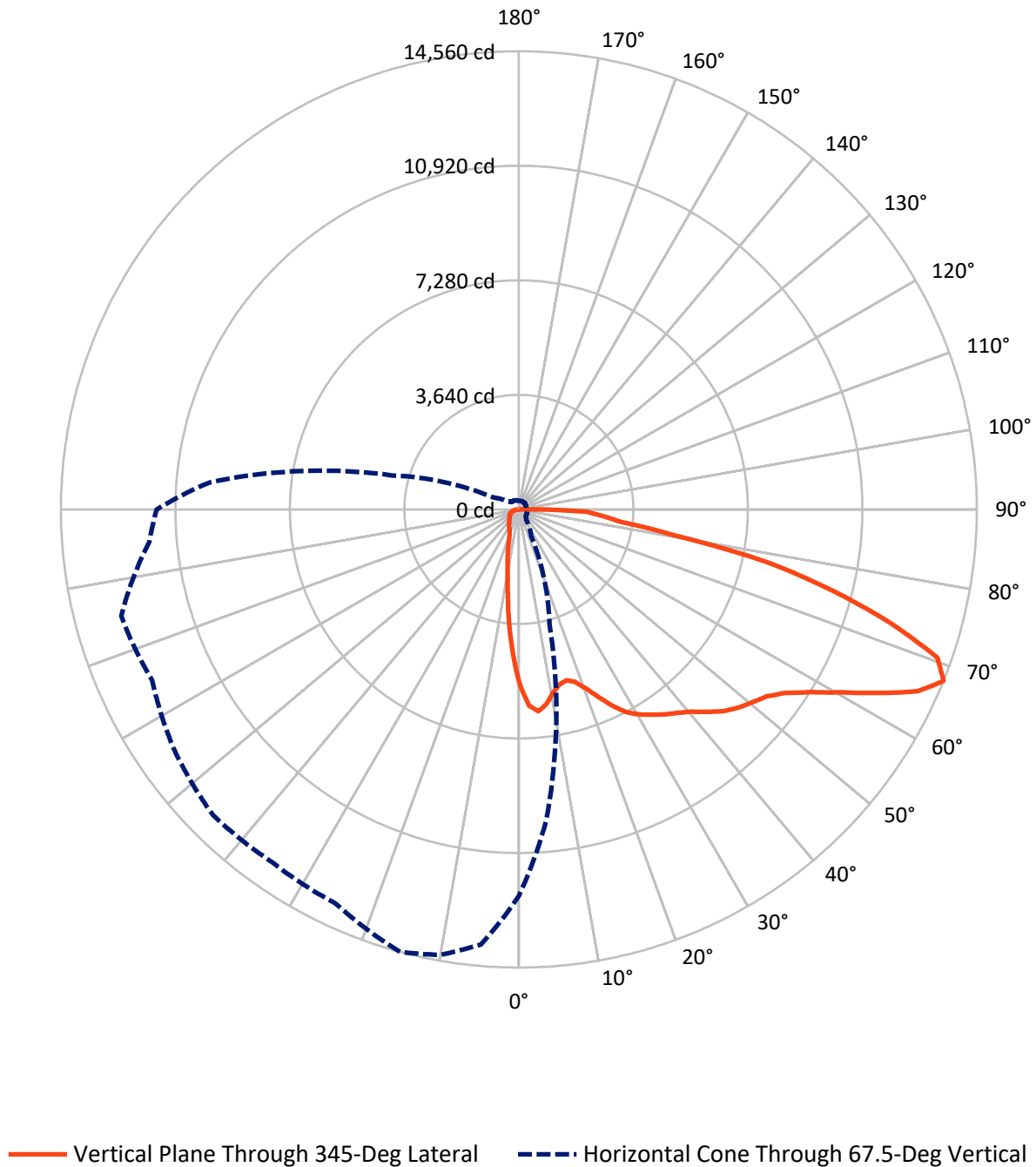
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9 fc
 Type IV - Medium - N/A

REPORT NUMBER: P320759
CATALOG NUMBER: GAN-SA5B-827-U-SLR

Luminous Intensity Polar Plot



REPORT NUMBER: P320759

CATALOG NUMBER: GAN-SA5B-827-U-SLR

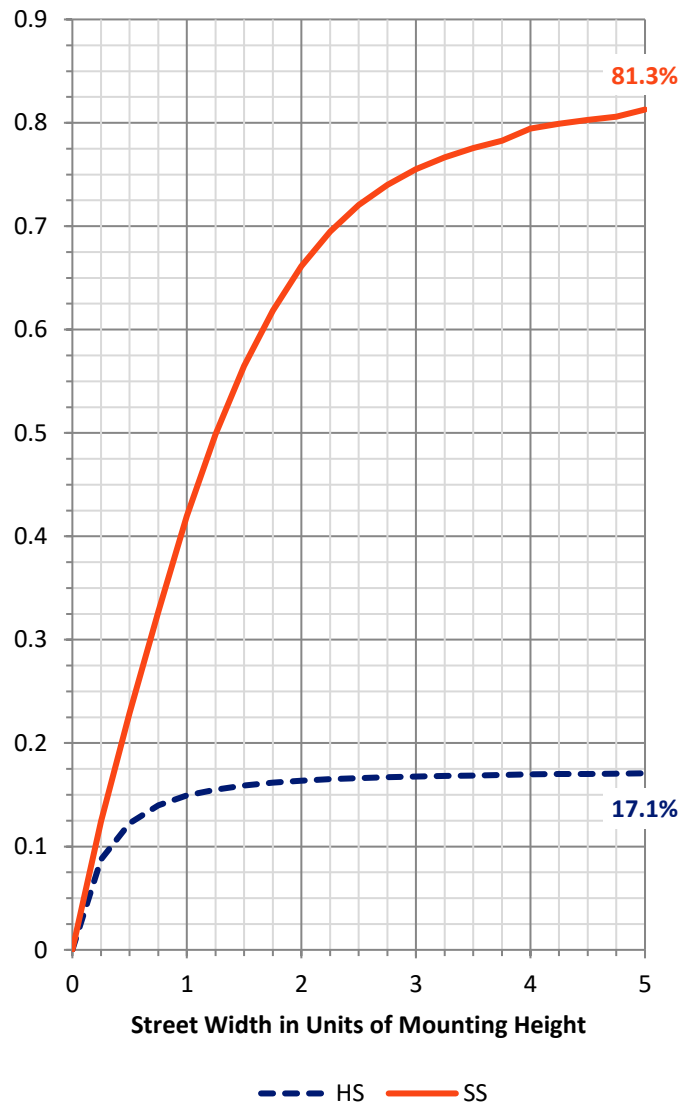
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3190.0	0.0	3190.0
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	15262.0	0.0	15262.0
	% Fixture	82.7	0.0	82.7
Total	Lumens	18452.0	0.0	18452.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	433.9	2.4
10°-20°	901.3	4.9
20°-30°	1281.8	6.9
30°-40°	1847.1	10.0
40°-50°	2603.1	14.1
50°-60°	3618.8	19.6
60°-70°	4376.2	23.7
70°-80°	2690.0	14.6
80°-90°	699.9	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°	18452.0	100.0
0°-180°	18452.0	100.0

Coefficient of Utilization



REPORT NUMBER: P320759

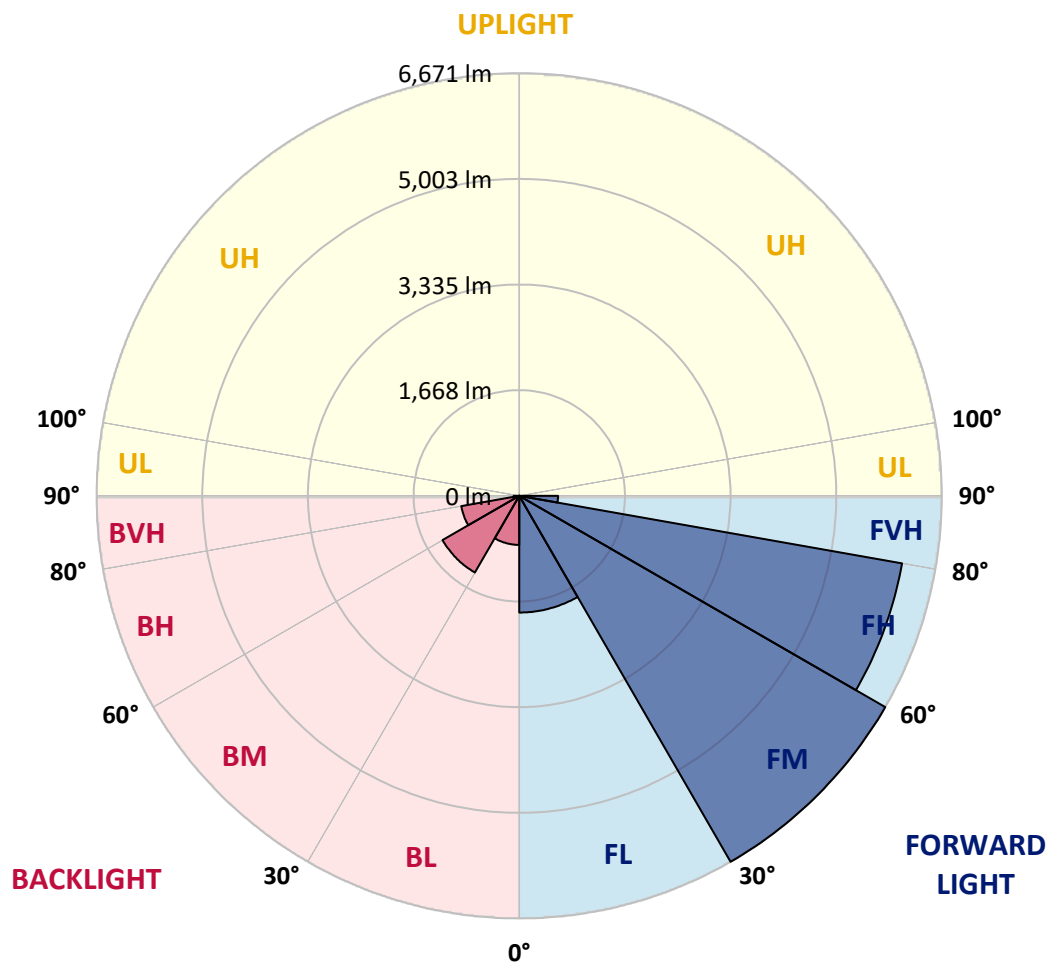
CATALOG NUMBER: GAN-SA5B-827-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1842.5	10.0			
FM	(30°-60°)	6670.9	36.2			
FH	(60°-80°)	6136.5	33.3			G3/7500
FVH	(80°-90°)	612.2	3.3			G4/750
BL	(0°-30°)	774.5	4.2	B2/1000		
BM	(30°-60°)	1398.1	7.6	B2/2500		
BH	(60°-80°)	929.6	5.0	B2/1000		G2/1000
BVH	(80°-90°)	87.7	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-G4

Type IV Medium





REPORT NUMBER: P320759

CATALOG NUMBER: GAN-SA5B-827-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5
2.5°	6022.1	5969.0	5888.6	5808.2	5748.4	5687.9	5619.3	5550.7	5472.5	5393.6	5347.1
5°	5922.5	5775.0	5583.2	5391.4	5264.5	5137.6	4993.7	4849.9	4707.5	4565.1	4488.4
7.5°	5474.0	5252.7	5003.3	4754.0	4569.5	4384.4	4185.2	3985.2	3808.2	3630.4	3520.5
10°	5032.8	4767.2	4481.0	4194.0	3957.9	3721.9	3521.9	3321.3	3187.7	3054.2	2953.1
12.5°	4716.3	4422.0	4107.0	3791.2	3555.1	3319.1	3192.2	3065.3	2954.6	2844.0	2727.4
15°	4590.9	4258.2	3935.8	3612.7	3398.0	3183.3	3042.4	2900.8	2752.5	2603.5	2460.3
17.5°	4701.6	4312.1	3961.6	3611.2	3330.1	3049.1	2852.1	2654.4	2458.9	2263.4	2097.4
20°	5046.8	4549.6	4091.5	3632.6	3258.6	2884.5	2620.4	2355.6	2104.8	1853.9	1665.8
22.5°	5531.5	4873.5	4275.2	3676.9	3193.6	2709.7	2378.5	2046.5	1749.9	1453.3	1268.9
25°	6120.2	5302.8	4540.0	3776.5	3167.1	2557.0	2149.8	1742.5	1429.7	1116.2	984.9
27.5°	6740.7	5814.8	4869.0	3922.5	3171.5	2420.5	1957.2	1493.2	1211.4	929.5	839.5
30°	7257.8	6399.8	5252.7	4104.7	3188.5	2272.2	1775.7	1279.2	1046.8	814.5	756.2
32.5°	7730.7	6807.8	5541.9	4275.2	3207.7	2139.4	1635.6	1130.9	941.3	751.0	703.1
35°	8219.1	7170.0	5744.0	4317.2	3174.5	2031.0	1539.6	1048.3	873.5	697.9	657.3
37.5°	8756.9	7561.8	5938.8	4315.0	3118.4	1921.8	1465.1	1007.7	829.2	649.9	620.4
40°	9356.7	7994.8	6149.7	4304.7	3067.5	1829.6	1409.8	989.3	804.9	619.7	594.6
42.5°	9943.2	8407.9	6346.0	4284.0	3026.2	1767.6	1355.2	942.8	782.7	621.9	586.5
45°	10383.6	8768.7	6516.4	4263.4	2995.2	1727.0	1312.4	897.8	762.1	626.3	581.3
47.5°	10717.8	9130.9	6705.3	4278.9	2992.2	1705.6	1282.2	858.7	723.0	586.5	568.1
50°	11142.7	9566.2	6980.4	4394.7	3032.8	1671.0	1246.8	821.8	685.4	548.9	574.0
52.5°	11671.7	10187.4	7406.8	4625.6	3117.7	1609.7	1190.7	771.7	639.6	506.8	545.9
55°	12448.5	10983.4	7952.0	4919.9	3220.2	1519.7	1105.9	691.3	579.1	466.2	500.9
57.5°	13145.7	11787.5	8475.1	5161.9	3284.4	1406.1	998.9	591.7	511.2	430.8	450.8
60°	13456.3	12202.1	8720.0	5237.2	3246.0	1254.9	878.6	501.7	451.5	401.3	397.6
62.5°	13335.3	11938.7	8478.8	5018.8	3058.6	1098.5	772.4	446.3	408.7	370.3	362.2
65°	12981.2	11111.0	7803.0	4495.0	2742.2	989.3	705.3	421.2	379.2	337.1	328.3
67.5°	12283.3	9932.8	6845.4	3758.0	2340.1	922.2	666.9	411.7	360.8	309.1	298.8
70°	11030.6	8514.9	5742.5	2969.4	1925.5	880.9	641.8	402.8	340.8	278.1	268.5
72.5°	9060.1	6827.0	4585.8	2343.8	1609.7	875.7	638.9	402.1	324.6	247.1	238.3
75°	6486.9	5185.5	3500.5	1814.8	1318.3	821.8	606.4	391.0	302.5	213.2	205.1
77.5°	4365.2	3589.1	2433.0	1276.3	978.2	680.2	509.8	339.4	258.9	178.5	170.4
80°	2803.4	2483.9	1630.4	776.8	634.5	492.1	364.4	236.8	188.9	140.2	133.5
82.5°	2056.8	1848.8	1133.2	417.6	352.6	287.0	222.8	158.6	129.1	99.6	96.6
85°	1307.3	1441.5	834.4	227.2	185.9	144.6	119.5	94.4	74.5	54.6	54.6
87.5°	253.8	351.2	230.9	109.9	80.4	50.9	43.5	35.4	19.9	3.7	4.4
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: P320759
 CATALOG NUMBER: GAN-SA5B-827-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: P320759

CATALOG NUMBER: GAN-SA5B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5
2.5°	5299.9	5249.0	5198.1	5140.5	5082.2	5028.4	4973.8	4914.0	4925.1	4879.4	4833.6
5°	4411.6	4330.5	4248.6	4177.8	4107.0	4045.7	3983.8	3928.4	3976.4	3943.9	3911.5
7.5°	3409.8	3309.5	3208.4	3123.6	3038.7	2973.1	2906.7	2860.9	2908.1	2902.2	2896.3
10°	2852.1	2754.7	2656.6	2562.9	2469.2	2389.5	2309.1	2241.2	2229.4	2195.5	2160.8
12.5°	2610.1	2476.6	2342.3	2244.2	2146.1	2050.9	1955.7	1876.1	1839.9	1783.8	1727.0
15°	2317.2	2159.3	2001.5	1890.1	1777.9	1685.7	1592.8	1524.2	1501.3	1457.8	1414.2
17.5°	1931.4	1758.8	1586.1	1473.3	1359.6	1285.9	1211.4	1165.6	1165.6	1153.1	1140.5
20°	1477.7	1323.5	1169.3	1083.0	996.7	957.6	917.7	898.6	904.5	905.2	905.2
22.5°	1083.7	989.3	894.9	860.2	824.8	810.8	796.8	788.6	791.6	792.3	793.1
25°	853.6	817.4	780.5	762.8	744.4	735.5	726.7	723.7	730.4	731.1	731.1
27.5°	749.5	727.4	704.5	693.5	681.7	678.0	674.3	669.1	675.8	675.8	675.0
30°	697.2	673.6	649.9	635.9	621.9	623.4	624.1	622.6	627.1	630.0	632.2
32.5°	654.4	631.5	608.6	594.6	579.9	577.6	575.4	574.0	583.5	588.7	593.9
35°	616.0	590.9	565.8	552.6	539.3	534.1	529.0	525.3	534.1	540.8	547.4
37.5°	590.2	564.4	537.8	525.3	512.0	505.3	498.7	494.3	498.0	500.9	503.9
40°	569.5	543.0	515.7	500.9	486.2	479.5	472.9	469.2	471.4	472.1	472.9
42.5°	550.3	524.5	498.7	482.5	465.5	457.4	449.3	444.9	446.3	447.8	448.5
45°	536.3	510.5	484.0	464.8	444.9	436.0	427.1	422.0	422.7	422.7	422.7
47.5°	549.6	512.0	473.6	451.5	428.6	418.3	408.0	402.8	401.3	399.9	398.4
50°	598.3	534.1	469.2	441.2	412.4	401.3	389.5	383.6	379.9	378.5	377.0
52.5°	584.3	529.0	472.9	436.7	399.9	386.6	373.3	363.7	360.0	357.8	355.6
55°	534.9	500.2	464.8	421.2	377.7	365.9	353.4	346.7	340.1	338.6	337.1
57.5°	469.9	455.9	441.9	397.6	353.4	342.3	330.5	326.1	320.2	320.2	319.4
60°	393.2	413.9	434.5	383.6	332.0	319.4	306.9	303.2	301.0	300.3	299.5
62.5°	353.4	387.3	420.5	366.7	312.1	298.8	285.5	281.1	280.3	281.1	281.1
65°	319.4	329.8	340.1	315.0	289.9	276.7	262.6	258.2	259.7	261.9	264.1
67.5°	288.5	286.2	284.0	275.2	265.6	254.5	242.7	238.3	239.0	242.0	244.9
70°	258.9	256.0	252.3	245.7	239.0	229.4	219.8	216.9	216.2	219.8	222.8
72.5°	229.4	225.7	221.3	216.2	210.3	202.1	194.0	191.8	192.5	194.8	197.0
75°	197.0	194.0	190.3	185.9	180.7	173.4	166.0	164.5	166.0	168.2	170.4
77.5°	161.6	160.8	159.4	155.7	152.0	143.9	135.0	134.3	136.5	138.7	140.2
80°	126.2	126.9	127.6	124.7	121.7	112.9	103.3	102.5	104.8	107.0	109.2
82.5°	93.0	95.2	96.6	93.0	89.3	78.9	68.6	67.1	74.5	76.7	78.9
85°	53.9	56.8	59.8	56.8	53.9	43.5	33.2	32.5	39.1	42.8	46.5
87.5°	4.4	5.9	7.4	6.6	5.9	3.0	0.0	0.0	0.7	3.7	6.6
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: P320759
 CATALOG NUMBER: GAN-SA5B-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: P320759

CATALOG NUMBER: GAN-SA5B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5
2.5°	4804.9	4776.1	4767.2	4758.4	4725.9	4692.7	4726.7	4759.9	4773.9	4787.9	4751.7
5°	3907.0	3901.9	3901.9	3901.1	3871.6	3841.4	3864.2	3886.4	3837.0	3787.5	3782.4
7.5°	2928.1	2959.8	2985.6	3010.7	3001.1	2991.5	3012.9	3034.3	2971.6	2908.1	2877.2
10°	2168.2	2174.8	2202.9	2230.9	2237.5	2243.4	2270.0	2295.8	2247.1	2198.4	2177.1
12.5°	1691.6	1656.2	1659.9	1662.9	1676.1	1688.7	1716.7	1744.0	1724.1	1703.4	1705.6
15°	1370.0	1325.0	1306.5	1287.3	1302.1	1316.9	1336.8	1356.0	1356.7	1356.7	1375.9
17.5°	1118.4	1095.5	1077.1	1057.9	1077.8	1097.0	1099.2	1101.4	1102.2	1102.9	1101.4
20°	916.3	927.3	921.4	915.5	922.9	929.5	935.4	940.6	934.0	926.6	908.1
22.5°	803.4	813.0	820.4	827.0	839.5	851.3	845.4	838.8	825.5	811.5	797.5
25°	737.7	744.4	751.8	759.1	769.5	779.0	768.7	758.4	748.8	739.2	729.6
27.5°	682.4	689.0	695.7	701.6	711.2	720.0	710.4	700.8	692.7	684.6	677.2
30°	637.4	641.8	647.0	652.2	661.0	669.1	661.0	652.2	646.3	639.6	634.5
32.5°	599.0	603.5	605.7	607.9	616.0	624.1	618.2	612.3	607.2	602.0	598.3
35°	557.0	565.8	567.3	568.8	576.9	585.0	581.3	576.9	571.0	565.1	558.5
37.5°	514.2	524.5	530.4	535.6	543.7	551.8	548.1	544.4	536.3	528.2	516.4
40°	478.1	482.5	493.5	503.9	517.2	529.7	522.3	514.2	501.7	489.1	483.2
42.5°	447.8	447.1	457.4	467.7	487.6	506.8	493.5	480.3	468.5	456.7	455.2
45°	421.2	419.0	424.2	429.4	450.8	471.4	458.1	444.1	437.5	430.8	430.8
47.5°	397.6	396.2	399.9	402.8	416.1	428.6	422.0	415.3	411.7	408.0	408.7
50°	376.2	374.8	378.5	381.4	386.6	391.0	392.5	393.2	391.0	388.8	390.3
52.5°	356.3	356.3	357.8	358.5	365.2	371.8	371.8	371.1	371.1	371.1	372.6
55°	339.4	340.8	340.8	340.8	351.2	360.8	357.8	354.8	355.6	355.6	357.1
57.5°	322.4	324.6	326.1	327.6	337.9	348.2	345.3	342.3	342.3	342.3	343.0
60°	303.2	306.2	309.1	312.1	322.4	332.7	329.8	326.1	326.8	327.6	328.3
62.5°	284.8	287.7	290.7	293.6	303.9	314.3	311.3	307.6	309.8	311.3	311.3
65°	267.1	269.3	272.2	275.2	284.8	294.4	291.4	288.5	291.4	293.6	295.1
67.5°	247.1	248.6	251.6	254.5	264.1	273.7	270.7	267.1	270.7	273.7	276.7
70°	224.3	225.7	229.4	232.4	242.0	251.6	247.9	244.2	247.9	251.6	254.5
72.5°	199.2	200.7	204.4	207.3	218.4	229.4	225.0	220.6	225.0	229.4	230.9
75°	171.9	173.4	177.8	181.5	192.5	203.6	199.9	195.5	199.2	202.9	203.6
77.5°	142.4	144.6	150.5	156.4	165.3	174.1	171.9	169.7	171.9	174.1	174.1
80°	111.4	113.6	121.0	127.6	132.8	138.0	138.7	139.4	140.2	140.9	140.2
82.5°	82.6	85.6	92.2	98.9	98.9	98.9	104.8	109.9	109.9	109.2	108.4
85°	50.9	54.6	60.5	66.4	62.7	59.0	68.6	77.5	77.5	76.7	75.2
87.5°	10.3	14.0	19.9	25.1	21.4	17.7	27.3	36.9	37.6	37.6	36.1
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: P320759
 CATALOG NUMBER: GAN-SA5B-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: P320759

CATALOG NUMBER: GAN-SA5B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5
2.5°	4714.9	4772.4	4829.2	4844.0	4866.1	4875.7	4884.5	4956.8	5028.4	5112.5	5196.6
5°	3776.5	3819.2	3862.0	3868.7	3891.5	3903.3	3915.2	4002.9	4090.0	4207.3	4324.6
7.5°	2846.2	2856.5	2866.8	2865.4	2884.5	2910.4	2935.4	3029.1	3122.1	3248.2	3373.7
10°	2155.7	2179.3	2202.1	2223.5	2265.6	2314.3	2362.2	2458.1	2554.0	2678.7	2802.6
12.5°	1707.9	1735.1	1761.7	1785.3	1834.0	1898.9	1963.1	2078.2	2193.3	2342.3	2490.6
15°	1394.3	1392.1	1389.9	1406.1	1448.9	1519.7	1589.8	1711.5	1833.3	1997.0	2160.1
17.5°	1100.0	1088.9	1077.8	1090.4	1130.2	1188.5	1246.0	1349.3	1451.9	1610.5	1769.1
20°	889.7	882.3	875.0	886.8	911.8	936.2	960.5	1035.0	1108.8	1237.9	1366.3
22.5°	782.7	782.0	780.5	787.2	799.0	811.5	823.3	859.5	894.9	978.2	1060.9
25°	720.0	719.3	718.6	721.5	731.1	740.7	750.3	773.9	797.5	837.3	877.2
27.5°	669.9	668.4	666.9	667.6	669.9	684.6	698.6	709.7	720.0	747.3	773.9
30°	629.3	628.5	627.8	627.8	625.6	630.8	635.9	652.9	669.1	697.2	725.2
32.5°	594.6	590.9	587.2	579.1	574.0	581.3	588.7	606.4	624.1	649.9	675.8
35°	551.1	541.5	531.2	526.7	527.5	534.9	542.2	559.9	576.9	604.9	632.2
37.5°	503.9	500.9	497.2	496.5	498.7	506.1	513.5	529.0	543.7	571.7	599.0
40°	477.3	475.8	474.4	472.9	474.4	481.7	489.1	503.9	517.9	545.2	571.7
42.5°	453.7	453.0	452.2	452.2	453.0	461.1	469.2	484.0	498.0	522.3	546.7
45°	430.8	431.6	431.6	433.0	435.3	443.4	450.8	467.0	483.2	506.8	530.4
47.5°	409.4	411.7	413.1	416.8	419.0	427.9	436.0	453.7	471.4	500.9	529.7
50°	391.0	393.2	394.7	397.6	403.5	413.9	424.2	445.6	466.2	515.7	564.4
52.5°	374.0	376.2	378.5	381.4	388.8	400.6	412.4	439.0	464.8	522.3	579.9
55°	358.5	360.8	362.2	366.7	374.0	384.4	393.9	426.4	458.9	500.9	543.0
57.5°	343.8	346.0	347.5	350.4	354.1	365.2	375.5	410.2	444.9	474.4	503.1
60°	328.3	329.8	330.5	330.5	333.5	346.0	358.5	402.8	446.3	441.2	435.3
62.5°	311.3	312.8	313.5	311.3	315.0	328.3	341.6	399.1	456.7	421.2	385.8
65°	295.8	295.1	294.4	292.1	296.6	309.8	322.4	351.2	379.9	365.9	351.9
67.5°	278.9	276.7	274.4	271.5	275.9	287.7	298.8	308.4	318.0	319.4	320.9
70°	257.5	254.5	251.6	250.8	253.0	262.6	272.2	278.9	284.8	287.7	289.9
72.5°	232.4	230.2	228.0	226.5	227.2	235.3	242.7	248.6	254.5	256.7	258.2
75°	204.4	204.4	203.6	199.2	199.2	205.8	211.7	216.9	222.1	225.0	228.0
77.5°	174.1	174.8	174.8	168.9	168.2	174.8	180.7	185.2	188.9	191.8	194.0
80°	139.4	138.0	136.5	132.8	131.3	139.4	146.8	150.5	153.4	154.2	154.2
82.5°	107.0	104.0	100.3	92.2	93.0	101.8	109.9	112.9	115.8	115.8	115.8
85°	73.0	67.1	60.5	53.9	54.6	64.2	73.0	76.0	78.9	80.4	81.2
87.5°	34.7	28.8	22.1	17.0	17.0	25.1	32.5	33.9	35.4	38.4	41.3
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: P320759
 CATALOG NUMBER: GAN-SA5B-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: P320759

CATALOG NUMBER: GAN-SA5B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5
2.5°	5260.8	5324.2	5389.9	5455.5	5530.8	5606.0	5693.8	5780.9	5855.4	5929.9	5991.9
5°	4425.7	4526.7	4645.5	4764.3	4915.5	5066.8	5251.9	5436.4	5600.9	5765.4	5956.5
7.5°	3505.7	3637.0	3792.0	3946.9	4142.4	4337.9	4577.6	4817.4	5049.8	5281.4	5575.1
10°	2940.6	3078.6	3231.3	3383.2	3582.4	3780.9	4034.7	4287.7	4548.9	4809.3	5141.3
12.5°	2644.0	2796.7	2931.0	3065.3	3226.8	3387.7	3633.3	3879.0	4185.9	4492.1	4811.5
15°	2327.5	2494.3	2655.1	2815.9	2992.2	3167.8	3406.9	3645.9	3981.5	4317.2	4684.6
17.5°	1944.7	2120.2	2316.5	2512.0	2742.2	2971.6	3277.8	3583.9	3981.5	4378.4	4811.5
20°	1545.6	1724.8	1959.4	2194.0	2480.3	2765.8	3162.7	3559.6	4095.2	4630.0	5182.6
22.5°	1219.5	1377.3	1633.3	1888.6	2219.1	2549.6	3058.6	3566.9	4267.1	4966.4	5712.3
25°	988.6	1100.0	1351.5	1602.4	1983.8	2365.2	2995.2	3624.5	4517.1	5409.1	6334.2
27.5°	846.9	920.0	1154.6	1388.4	1805.2	2221.3	2969.4	3716.7	4834.4	5952.0	7010.7
30°	776.1	827.0	1025.4	1223.2	1646.6	2070.1	2938.4	3806.7	5139.8	6472.1	7539.6
32.5°	717.1	757.7	927.3	1096.3	1509.4	1922.5	2878.6	3834.0	5353.0	6872.0	7987.4
35°	666.9	700.8	848.4	995.9	1401.7	1807.4	2778.3	3749.2	5486.5	7223.9	8453.7
37.5°	626.3	652.9	789.4	925.9	1308.7	1691.6	2664.0	3636.3	5605.3	7574.3	8978.2
40°	594.6	617.5	745.1	872.7	1220.2	1567.7	2565.8	3563.3	5769.1	7974.9	9532.3
42.5°	576.9	606.4	706.7	806.3	1136.1	1465.9	2486.9	3507.9	5921.0	8333.4	10016.9
45°	572.5	614.5	686.8	759.1	1073.4	1387.7	2416.8	3445.2	6019.2	8593.1	10382.1
47.5°	565.1	599.8	671.3	742.9	1042.4	1341.2	2379.2	3416.4	6117.3	8817.4	10685.3
50°	569.5	574.0	658.8	742.9	1038.0	1333.1	2422.0	3510.9	6329.8	9147.9	11032.1
52.5°	561.4	542.2	635.2	728.1	1037.3	1346.4	2545.2	3744.0	6724.4	9704.1	11407.6
55°	518.6	493.5	590.9	688.3	1021.8	1354.5	2692.0	4028.8	7254.1	10478.8	12082.6
57.5°	481.0	458.1	540.8	622.6	974.5	1326.4	2843.2	4359.3	7814.1	11268.1	12843.2
60°	430.8	425.7	484.7	543.7	901.5	1258.6	2967.9	4676.5	8190.3	11703.4	13136.1
62.5°	389.5	392.5	436.0	479.5	810.0	1139.8	3009.2	4877.9	8180.0	11482.1	12841.0
65°	357.8	363.0	405.8	448.5	731.8	1015.1	2873.5	4731.1	7766.1	10800.4	12257.4
67.5°	326.8	332.7	383.6	433.8	662.5	890.4	2534.1	4177.0	7021.7	9865.7	11515.3
70°	297.3	304.7	360.0	415.3	612.3	808.6	2096.6	3384.7	6090.0	8794.5	10655.8
72.5°	265.6	273.0	332.0	391.0	580.6	769.5	1709.3	2648.5	4942.1	7235.0	9114.7
75°	233.1	238.3	302.5	365.9	537.1	708.2	1341.2	1973.4	3782.4	5591.3	6884.5
77.5°	200.7	207.3	261.2	314.3	455.9	596.8	1010.7	1424.6	2775.4	4125.4	4787.9
80°	160.1	166.0	204.4	242.0	351.9	461.1	694.9	928.8	1910.0	2891.2	3264.5
82.5°	122.5	129.1	154.9	180.0	250.8	321.7	421.2	520.8	1268.9	2016.2	2047.2
85°	84.1	86.3	104.8	122.5	154.9	187.4	241.2	295.1	839.5	1384.0	1153.1
87.5°	42.1	42.1	54.6	67.1	83.4	99.6	127.6	154.9	268.5	382.1	219.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320759
 CATALOG NUMBER: GAN-SA5B-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: P320759

CATALOG NUMBER: GAN-SA5B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5
2.5°	6070.8	6124.7	6179.3	6220.6	6262.6	6323.1	6383.6	6394.7	6406.5	6382.9	6359.3
5°	6149.0	6312.0	6475.8	6627.1	6778.3	6869.0	6959.8	6978.2	6996.7	6939.9	6882.3
7.5°	5859.1	6143.1	6427.1	6687.6	6948.0	7105.8	7264.5	7299.9	7336.0	7243.1	7150.1
10°	5471.8	5820.7	6169.7	6512.7	6855.8	7085.2	7314.6	7360.4	7406.1	7290.3	7174.5
12.5°	5172.2	5544.8	5917.4	6278.9	6641.1	6878.6	7116.2	7173.0	7229.8	7145.7	7060.8
15°	5080.0	5430.5	5780.9	6095.9	6411.6	6605.7	6800.4	6823.3	6846.9	6833.6	6820.3
17.5°	5247.5	5564.0	5881.2	6052.4	6224.3	6301.7	6379.9	6405.0	6430.8	6464.0	6498.0
20°	5653.3	5876.0	6099.6	6092.2	6084.1	6046.5	6008.1	6001.5	5994.8	6090.0	6185.9
22.5°	6258.9	6347.5	6436.7	6229.4	6022.1	5896.0	5769.1	5744.0	5718.2	5819.2	5921.0
25°	6916.3	6900.0	6883.1	6488.4	6092.9	5852.4	5611.9	5583.9	5555.9	5642.2	5729.2
27.5°	7566.9	7460.7	7354.5	6818.1	6281.8	5932.9	5583.9	5555.9	5527.8	5604.6	5681.3
30°	8044.2	7873.8	7703.4	7096.3	6489.1	6074.5	5659.9	5614.2	5567.7	5662.1	5756.5
32.5°	8416.8	8188.1	7959.4	7322.0	6684.6	6236.1	5787.5	5716.0	5644.4	5770.6	5896.7
35°	8788.6	8467.0	8144.6	7523.4	6901.5	6427.1	5952.0	5864.2	5776.5	5949.8	6123.2
37.5°	9256.3	8794.5	8332.0	7749.9	7167.8	6713.4	6258.2	6168.2	6078.2	6298.8	6520.1
40°	9763.9	9147.9	8531.9	7997.8	7463.7	7109.5	6754.7	6669.1	6582.8	6851.3	7119.9
42.5°	10185.9	9476.9	8768.0	8296.6	7824.4	7575.0	7325.0	7324.2	7322.7	7595.0	7867.2
45°	10528.9	9751.4	8973.1	8588.0	8202.1	8072.3	7942.4	8046.5	8150.5	8396.1	8642.5
47.5°	10784.9	9981.5	9177.4	8921.4	8665.4	8684.6	8703.8	8915.5	9127.2	9285.1	9443.7
50°	10951.7	10190.3	9428.2	9349.3	9270.4	9442.3	9614.9	9857.6	10101.0	10208.8	10316.5
52.5°	11194.4	10473.6	9752.1	9840.6	9929.2	10280.3	10631.5	10877.1	11122.8	11162.6	11203.2
55°	11755.8	10994.4	10232.4	10402.0	10572.5	11087.4	11603.1	11794.9	11986.7	12001.4	12016.2
57.5°	12553.3	11724.1	10894.8	11077.8	11260.8	11855.4	12450.7	12657.3	12864.6	12835.8	12806.3
60°	13150.1	12416.8	11682.7	11867.2	12051.6	12631.5	13211.3	13448.9	13687.2	13623.7	13560.3
62.5°	13187.0	12795.3	12402.8	12569.5	12737.0	13305.0	13873.1	14117.3	14361.5	14250.8	14140.1
65°	12600.5	12776.1	12951.7	13007.0	13062.3	13592.0	14122.4	14309.1	14496.5	14440.4	14384.3
67.5°	11792.7	12439.7	13087.4	12976.0	12864.6	13113.2	13361.8	13554.4	13746.9	13715.2	13682.7
70°	10986.3	11850.2	12714.1	12166.7	11618.6	11516.0	11413.5	11620.8	11828.8	11700.5	11571.4
72.5°	9613.4	10534.1	11455.5	10447.0	9438.6	9088.1	8737.7	9001.1	9264.5	9060.1	8855.0
75°	7546.3	8563.6	9581.7	8378.4	7175.2	6707.5	6239.8	6466.2	6692.7	6552.5	6411.6
77.5°	5617.8	6620.4	7623.0	6399.8	5175.9	4828.5	4480.3	4547.4	4615.3	4591.7	4567.3
80°	3810.4	4509.0	5208.4	4393.9	3579.5	3606.0	3633.3	3601.6	3569.2	3616.4	3663.6
82.5°	2431.6	2970.9	3510.9	3078.6	2646.3	2894.1	3142.0	3020.3	2897.8	2942.8	2988.6
85°	1387.7	1915.2	2443.4	2277.4	2110.7	2255.3	2400.6	2211.7	2022.9	2105.5	2188.9
87.5°	365.9	1059.4	1753.6	1592.0	1430.5	1243.1	1055.7	805.6	555.5	811.5	1067.5
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



REPORT NUMBER: P320759

CATALOG NUMBER: GAN-SA5B-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: P320759

CATALOG NUMBER: GAN-SA5B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5
2.5°	6346.7	6334.2	6289.2	6243.4	6175.6	6119.5	6022.1
5°	6802.6	6723.0	6585.7	6447.8	6294.3	6118.0	5922.5
7.5°	6964.2	6777.6	6514.2	6250.1	6012.5	5733.7	5474.0
10°	6895.6	6616.0	6273.7	5930.6	5642.2	5321.3	5032.8
12.5°	6764.3	6467.0	6090.0	5712.3	5384.0	5039.5	4716.3
15°	6583.5	6346.0	5992.6	5639.2	5308.7	4973.8	4590.9
17.5°	6385.8	6272.9	6017.7	5761.7	5475.5	5150.9	4701.6
20°	6226.5	6267.8	6166.0	6064.2	5834.7	5551.4	5046.8
22.5°	6118.8	6317.2	6395.4	6474.3	6336.4	6115.1	5531.5
25°	6058.3	6387.3	6649.2	6911.8	6850.6	6680.2	6120.2
27.5°	6084.8	6488.4	6894.9	7302.1	7358.9	7311.7	6740.7
30°	6164.5	6573.2	7068.2	7564.0	7790.5	7853.9	7257.8
32.5°	6297.3	6697.9	7237.2	7777.2	8119.5	8321.6	7730.7
35°	6498.0	6872.7	7434.9	7997.0	8439.7	8808.5	8219.1
37.5°	6842.5	7164.9	7683.5	8202.9	8776.8	9330.9	8756.9
40°	7347.1	7575.0	8013.3	8452.2	9174.5	9922.5	9356.7
42.5°	7983.8	8101.1	8448.5	8796.0	9589.8	10459.6	9943.2
45°	8673.5	8704.5	8922.9	9142.0	9918.8	10825.5	10383.6
47.5°	9337.5	9231.3	9318.3	9405.4	10171.1	11086.7	10717.8
50°	10020.6	9724.8	9679.1	9633.3	10423.4	11394.3	11142.7
52.5°	10715.6	10227.9	10047.2	9865.7	10724.4	11802.3	11671.7
55°	11395.8	10775.3	10531.9	10288.4	11184.8	12300.2	12448.5
57.5°	12103.3	11400.2	11174.5	10948.7	11861.3	12931.0	13145.7
60°	12864.6	12168.2	11987.4	11805.9	12702.3	13612.7	13456.3
62.5°	13586.8	13033.5	12938.4	12842.5	13552.9	14136.5	13335.3
65°	14069.3	13753.6	13842.1	13931.4	14196.2	14267.0	12981.2
67.5°	13746.9	13811.1	14185.1	14559.9	14377.7	13879.0	12283.3
70°	11955.7	12340.8	13226.8	14113.6	13709.3	12839.5	11030.6
72.5°	9287.3	9720.4	11035.8	12351.9	11979.3	10914.0	9060.1
75°	6900.0	7389.1	8841.0	10292.9	9775.7	8163.8	6486.9
77.5°	4894.9	5222.4	6655.8	8090.0	7246.8	5434.1	4365.2
80°	3563.3	3462.9	4261.9	5060.9	4920.7	3594.2	2803.4
82.5°	2743.6	2498.7	2874.9	3251.2	3230.5	2494.3	2056.8
85°	2090.7	1992.6	2325.3	2658.1	2373.3	1689.4	1307.3
87.5°	1218.7	1370.7	1762.4	2154.9	1617.1	512.7	253.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320759
 CATALOG NUMBER: GAN-SA5B-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)