

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: P320438

Luminaire Tested: **GAN-SA4B-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320438
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-SA4B-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 80 CRI, 2700K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14893 lumens
Efficiency: N/A
Efficacy: 87.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G4

Input Watts (W): 171
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

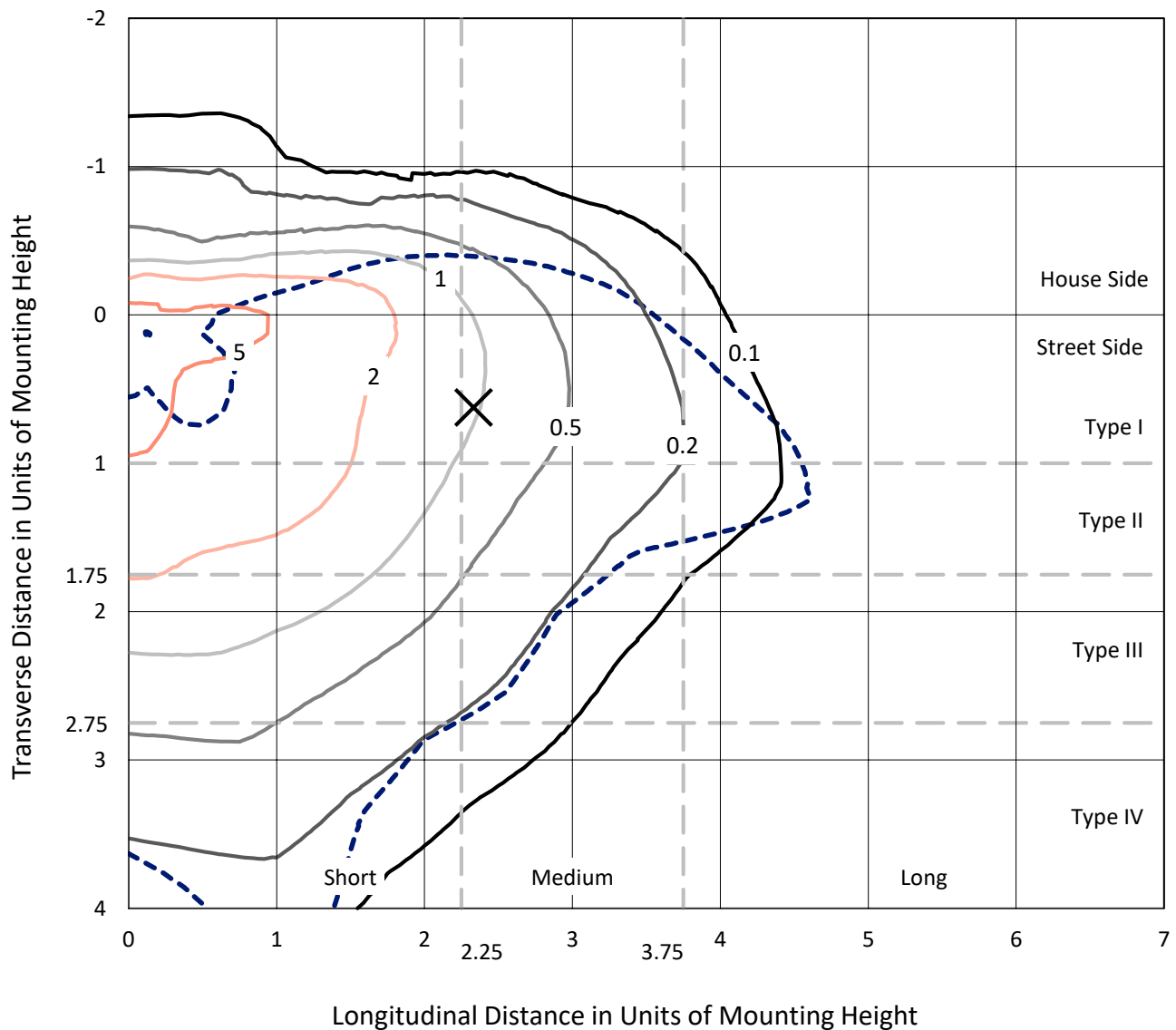


REPORT NUMBER: P320438

CATALOG NUMBER: GAN-SA4B-827-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

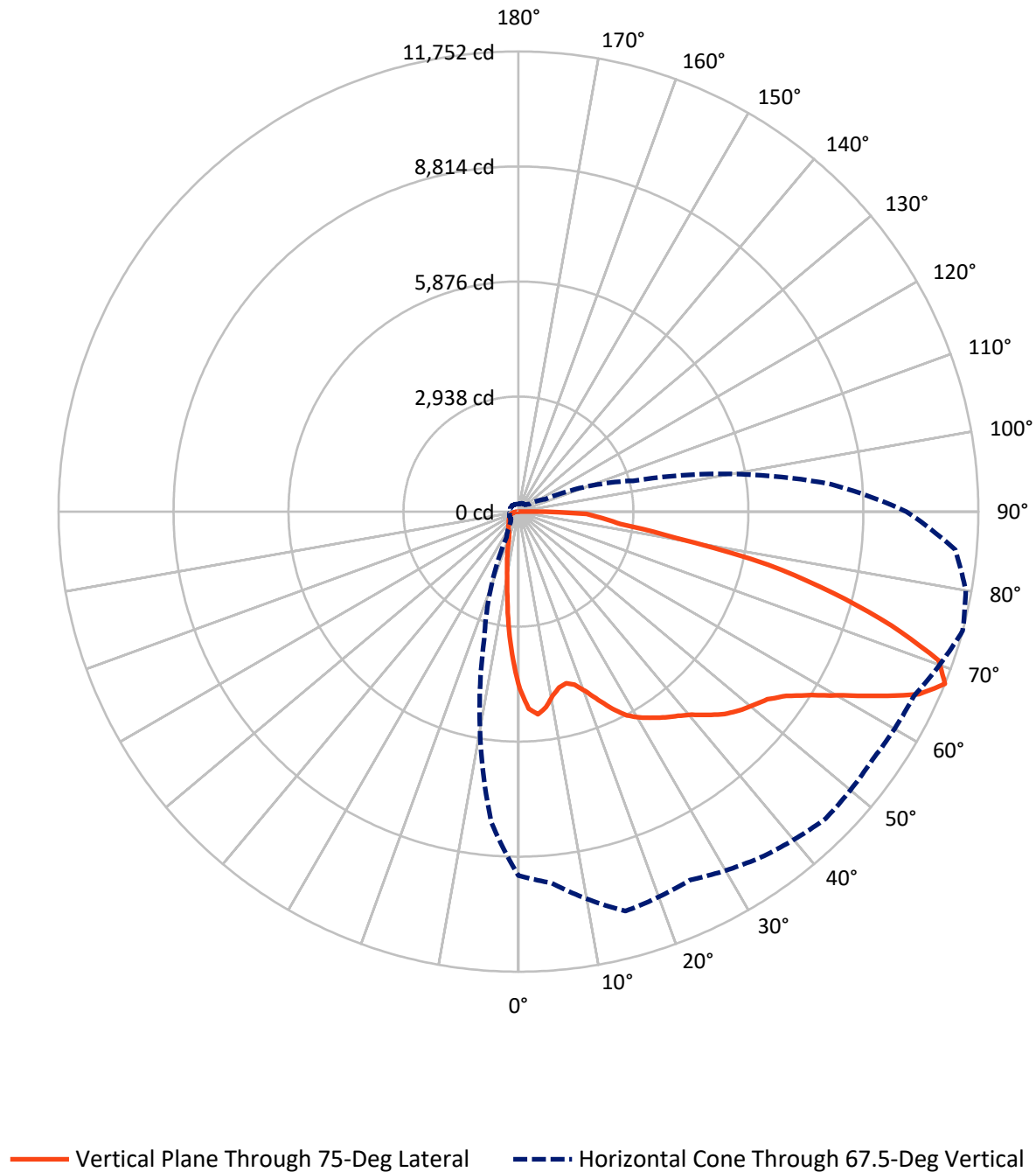
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.1 fc
 Type III - Medium - N/A

REPORT NUMBER: P320438
CATALOG NUMBER: GAN-SA4B-827-U-SLL

Luminous Intensity Polar Plot



REPORT NUMBER: P320438

CATALOG NUMBER: GAN-SA4B-827-U-SLL

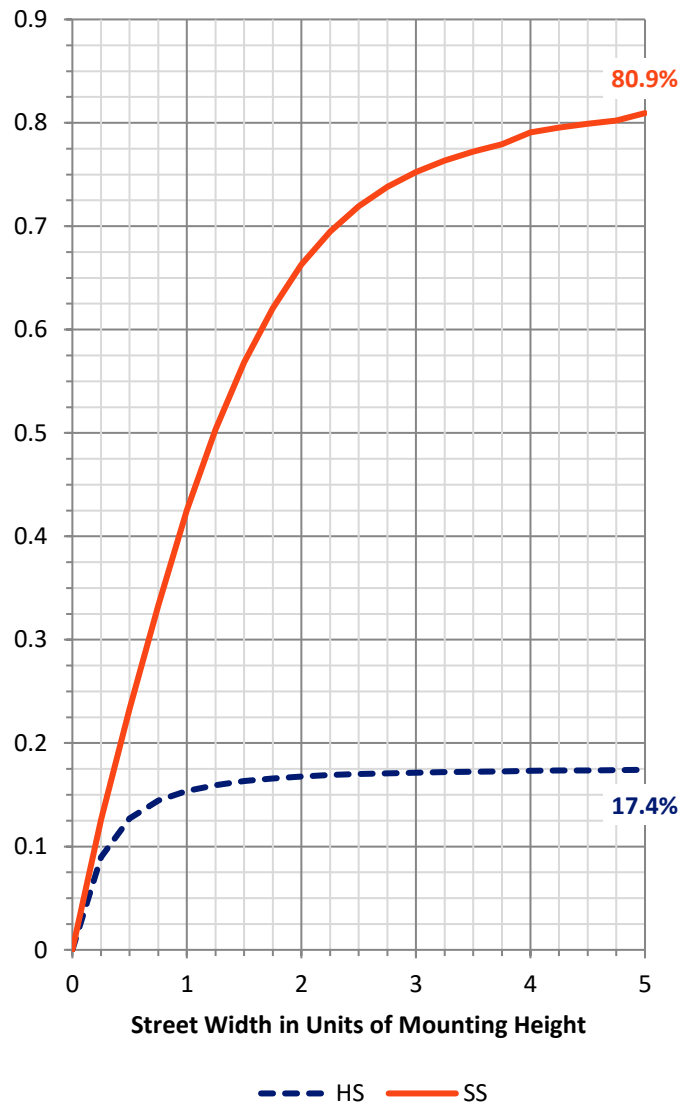
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2623.0	0.0	2623.0
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	12270.0	0.0	12270.0
	% Fixture	82.4	0.0	82.4
Total	Lumens	14893.0	0.0	14893.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	350.2	2.4
10°-20°	727.4	4.9
20°-30°	1034.6	6.9
30°-40°	1490.8	10.0
40°-50°	2101.0	14.1
50°-60°	2920.8	19.6
60°-70°	3532.1	23.7
70°-80°	2171.1	14.6
80°-90°	565.0	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°	14893.0	100.0
0°-180°	14893.0	100.0

Coefficient of Utilization



REPORT NUMBER: P320438

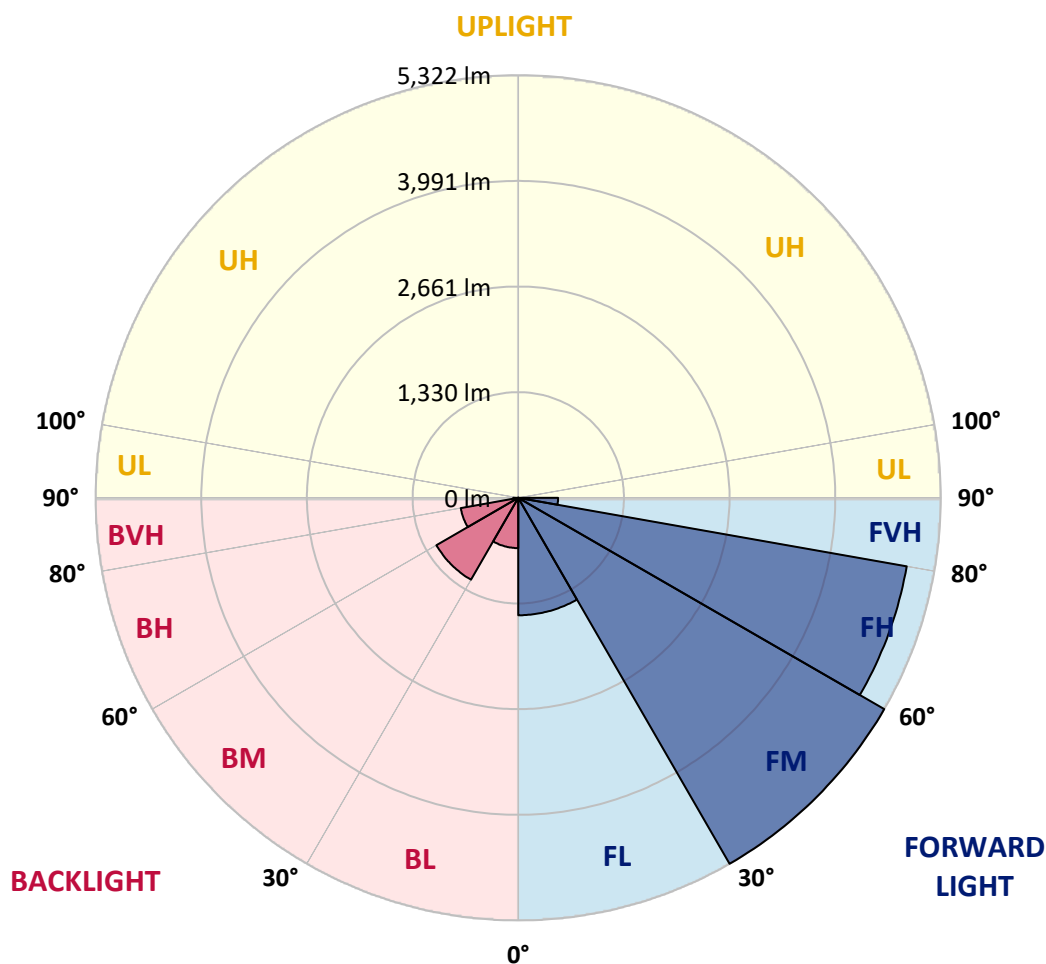
CATALOG NUMBER: GAN-SA4B-827-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1478.7	9.9			
FM	(30°-60°)	5322.0	35.7			
FH	(60°-80°)	4967.8	33.4			G2/5000
FVH	(80°-90°)	501.5	3.4			G4/750
BL	(0°-30°)	633.5	4.3	B2/1000		
BM	(30°-60°)	1190.7	8.0	B2/2500		
BH	(60°-80°)	735.4	4.9	B2/1000		G2/1000
BVH	(80°-90°)	63.5	0.4			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 III Medium



REPORT NUMBER: P320438

CATALOG NUMBER: GAN-SA4B-827-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2
2.5°	4836.1	4899.8	4943.9	4987.4	5021.3	5054.7	5103.5	5152.3	5161.8	5170.8	5151.7
5°	4807.6	4963.0	5095.1	5226.7	5348.8	5470.9	5544.1	5617.3	5632.2	5647.1	5601.3
7.5°	4499.7	4729.0	4958.2	5187.4	5397.6	5607.8	5735.8	5863.3	5892.4	5921.0	5846.0
10°	4149.6	4416.3	4698.0	4979.6	5256.5	5533.4	5718.6	5903.7	5940.7	5977.6	5884.1
12.5°	3883.4	4174.6	4475.3	4776.0	5068.4	5360.1	5551.8	5743.6	5789.4	5835.3	5767.4
15°	3781.0	4100.2	4383.0	4665.8	4920.7	5174.9	5332.1	5488.7	5507.8	5526.2	5515.5
17.5°	3883.4	4235.3	4491.4	4746.8	4885.6	5023.7	5086.8	5149.3	5170.2	5190.4	5217.8
20°	4182.9	4562.8	4743.2	4923.1	4917.1	4910.6	4880.2	4849.2	4843.9	4838.5	4915.9
22.5°	4610.5	5051.7	5123.7	5195.2	5027.9	4860.5	4758.7	4656.3	4636.1	4615.2	4697.4
25°	5112.4	5582.2	5569.1	5555.4	5236.9	4917.7	4723.6	4529.5	4506.9	4484.2	4554.5
27.5°	5658.4	6107.4	6021.6	5935.9	5503.0	5070.1	4788.5	4506.9	4484.2	4461.6	4523.5
30°	6085.4	6492.6	6355.1	6217.5	5727.5	5237.5	4902.8	4568.2	4531.3	4493.8	4570.0
32.5°	6446.8	6793.3	6608.7	6424.2	5909.7	5395.2	5033.2	4671.2	4613.4	4555.7	4657.5
35°	6823.1	7093.4	6833.8	6573.6	6072.3	5570.3	5187.4	4804.0	4733.1	4662.3	4802.2
37.5°	7246.5	7470.9	7098.2	6724.9	6255.1	5785.3	5418.5	5051.1	4978.4	4905.8	5084.4
40°	7693.6	7880.6	7383.4	6886.2	6455.1	6024.0	5738.2	5451.8	5382.7	5313.1	5529.8
42.5°	8084.8	8221.2	7649.0	7076.8	6696.3	6315.2	6113.9	5912.1	5911.5	5910.3	6130.0
45°	8379.6	8498.1	7870.5	7242.3	6931.5	6620.1	6515.3	6410.5	6494.4	6578.4	6777.3
47.5°	8624.3	8704.7	8056.2	7407.2	7200.6	6994.0	7009.5	7025.0	7195.8	7366.7	7494.8
50°	8904.1	8839.2	8224.8	7609.7	7546.0	7482.2	7621.6	7760.3	7956.8	8152.7	8239.6
52.5°	9207.2	9035.1	8453.4	7871.1	7942.5	8014.0	8297.4	8580.8	8779.1	8977.4	9010.1
55°	9752.1	9488.3	8873.8	8258.7	8396.2	8533.2	8949.4	9365.0	9519.8	9674.6	9686.6
57.5°	10365.9	10131.9	9462.7	8793.4	8941.1	9088.7	9569.3	10049.2	10216.5	10383.2	10360.0
60°	10602.3	10613.6	10021.8	9429.3	9578.2	9727.0	10195.1	10663.1	10855.4	11047.1	10995.9
62.5°	10364.2	10643.4	10327.2	10010.5	10145.6	10280.2	10738.7	11197.2	11394.3	11591.4	11502.0
65°	9893.2	10170.0	10311.8	10453.5	10498.1	10542.8	10970.9	11398.4	11549.7	11700.3	11655.1
67.5°	9294.2	9518.0	10040.8	10563.0	10473.1	10383.2	10583.9	10784.5	10939.9	11095.4	11069.8
70°	8600.5	8867.2	9564.5	10261.7	9819.9	9377.5	9294.8	9212.0	9379.9	9547.2	9443.6
72.5°	7356.6	7759.1	8502.8	9245.9	8432.0	7618.0	7335.2	7052.3	7264.9	7477.5	7312.5
75°	5556.6	6090.7	6912.4	7733.5	6762.4	5791.2	5413.7	5036.2	5219.0	5401.8	5288.7
77.5°	3864.4	4534.2	5343.4	6152.6	5165.4	4177.6	3897.1	3616.1	3670.9	3725.0	3706.0
80°	2634.8	3075.4	3639.9	4203.8	3546.4	2889.1	2911.1	2932.5	2906.9	2880.7	2918.8
82.5°	1652.3	1962.6	2398.4	2833.7	2484.8	2135.8	2335.9	2536.0	2437.7	2338.9	2375.8
85°	930.7	1120.0	1546.3	1972.1	1838.1	1703.5	1820.8	1937.5	1785.1	1632.7	1700.0
87.5°	177.4	295.3	855.6	1415.4	1285.0	1154.6	1003.3	852.1	650.2	448.4	655.0
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: P320438
 CATALOG NUMBER: GAN-SA4B-827-U-SLL

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: P320438

CATALOG NUMBER: GAN-SA4B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2
2.5°	5132.7	5122.5	5112.4	5076.1	5039.2	4984.4	4939.1	4860.5	4817.7	4752.8	4687.9
5°	5554.8	5490.5	5426.2	5315.5	5204.1	5080.3	4938.0	4780.2	4661.1	4506.3	4351.4
7.5°	5771.0	5620.9	5470.3	5257.7	5044.5	4852.8	4627.7	4418.1	4239.5	4038.2	3837.0
10°	5790.6	5565.5	5339.9	5063.6	4786.7	4553.9	4294.9	4062.1	3847.7	3616.7	3385.1
12.5°	5698.9	5459.6	5219.6	4915.3	4610.5	4346.1	4067.4	3806.6	3569.0	3314.8	3059.9
15°	5504.8	5313.7	5121.9	4836.7	4551.5	4284.8	4014.4	3705.4	3436.9	3176.7	2915.9
17.5°	5244.6	5154.1	5063.0	4857.0	4650.4	4419.3	4157.3	3794.7	3480.3	3197.5	2914.7
20°	4992.7	5026.1	5058.8	4976.7	4894.5	4709.3	4480.7	4073.4	3672.1	3302.3	2931.9
22.5°	4779.0	4939.1	5098.7	5162.4	5225.5	5114.2	4935.6	4464.6	3933.5	3450.6	2967.7
25°	4624.2	4889.7	5155.3	5367.3	5578.6	5529.2	5391.7	4939.7	4280.0	3664.3	3048.0
27.5°	4585.5	4911.2	5236.9	5565.5	5893.6	5939.5	5901.4	5440.5	4693.2	3929.9	3165.9
30°	4646.2	4976.1	5305.3	5705.5	6105.0	6287.8	6339.0	5857.9	5165.4	4239.5	3313.0
32.5°	4759.3	5082.6	5406.0	5841.8	6277.1	6553.4	6716.5	6239.6	5494.7	4472.9	3450.6
35°	4942.1	5244.6	5547.1	6000.8	6454.5	6811.8	7109.5	6633.8	5787.0	4636.1	3484.5
37.5°	5262.5	5522.7	5782.9	6202.1	6620.7	7083.9	7531.1	7067.8	6103.2	4793.3	3482.7
40°	5746.6	5930.5	6113.9	6468.2	6821.9	7404.8	8008.6	7551.9	6452.7	4963.6	3474.4
42.5°	6349.7	6444.4	6538.5	6818.9	7099.4	7740.1	8442.1	8025.3	6786.2	5121.9	3457.7
45°	6975.5	7000.5	7025.5	7202.4	7378.6	8005.6	8737.4	8380.8	7077.4	5259.5	3441.0
47.5°	7622.2	7536.4	7450.7	7521.0	7591.2	8209.3	8948.2	8650.5	7369.7	5411.9	3453.5
50°	8326.6	8087.8	7849.0	7812.1	7775.2	8412.9	9196.5	8993.5	7721.0	5634.0	3547.0
52.5°	9042.3	8648.7	8255.1	8109.2	7962.8	8655.9	9525.8	9420.4	8222.4	5978.2	3733.4
55°	9698.5	9197.7	8696.9	8500.4	8304.0	9027.4	9927.7	10047.4	8864.9	6418.2	3971.0
57.5°	10336.2	9768.7	9201.3	9019.1	8836.9	9573.4	10436.8	10610.1	9513.9	6840.4	4166.3
60°	10944.7	10383.2	9821.1	9675.2	9528.8	10252.2	10987.0	10860.8	9848.5	7038.1	4227.0
62.5°	11412.7	10966.1	10519.6	10442.8	10365.3	10938.8	11409.7	10763.1	9635.9	6843.3	4050.8
65°	11609.8	11355.6	11100.7	11172.8	11244.2	11458.0	11515.1	10477.3	8967.9	6297.9	3628.0
67.5°	11043.6	11095.4	11147.2	11449.6	11751.5	11604.5	11201.9	9914.0	8017.0	5525.1	3033.2
70°	9339.4	9650.2	9960.5	10676.2	11391.3	11065.0	10363.0	8903.0	6872.5	4634.9	2396.6
72.5°	7147.0	7496.5	7845.5	8907.7	9969.4	9668.7	8808.9	7312.5	5510.2	3701.2	1891.7
75°	5174.9	5569.7	5963.9	7135.7	8307.5	7890.1	6589.1	5235.7	4185.3	2825.3	1464.8
77.5°	3686.3	3950.7	4215.1	5372.6	6529.6	5849.6	4386.0	3523.2	2896.8	1963.7	1030.1
80°	2956.9	2876.0	2795.0	3439.8	4084.7	3971.6	2901.0	2262.7	2004.8	1315.9	627.0
82.5°	2412.1	2214.4	2016.7	2320.4	2624.1	2607.4	2013.2	1660.1	1492.2	914.6	337.0
85°	1766.7	1687.5	1608.3	1876.8	2145.4	1916.1	1363.5	1055.1	1163.5	673.4	183.4
87.5°	861.6	984.3	1106.3	1423.1	1739.3	1305.8	413.8	204.8	283.4	186.4	88.7
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: P320438
 CATALOG NUMBER: GAN-SA4B-827-U-SLL

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: P320438

CATALOG NUMBER: GAN-SA4B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2
2.5°	4639.6	4590.8	4535.4	4480.1	4416.9	4353.2	4315.7	4277.6	4236.5	4195.4	4149.0
5°	4249.0	4146.6	4030.5	3914.4	3799.5	3684.6	3622.6	3560.7	3495.2	3429.1	3372.0
7.5°	3688.1	3538.7	3377.9	3216.5	3073.6	2930.1	2841.4	2752.1	2671.1	2589.6	2521.1
10°	3194.5	3004.0	2842.6	2680.7	2572.9	2465.1	2383.5	2302.0	2223.4	2144.2	2068.5
12.5°	2869.4	2678.9	2576.5	2474.0	2384.7	2295.4	2201.3	2106.7	1998.9	1890.5	1811.3
15°	2742.6	2569.3	2455.6	2341.3	2221.6	2101.3	1985.8	1870.3	1742.8	1615.4	1525.5
17.5°	2687.8	2460.9	2302.0	2142.4	1984.6	1826.8	1692.8	1558.9	1419.5	1280.2	1189.1
20°	2630.0	2328.2	2115.0	1901.2	1698.8	1496.3	1344.5	1192.7	1068.2	943.8	874.1
22.5°	2577.6	2187.0	1919.7	1651.7	1412.4	1173.0	1024.1	874.7	798.5	722.3	694.3
25°	2556.2	2063.8	1735.1	1406.4	1154.0	900.9	794.9	688.9	659.7	630.0	615.7
27.5°	2559.8	1953.6	1579.7	1205.2	977.7	750.2	677.6	605.0	587.1	568.6	559.7
30°	2573.5	1833.9	1433.2	1032.5	844.9	657.4	610.3	562.7	543.6	524.6	513.3
32.5°	2589.0	1726.8	1320.1	912.8	759.8	606.2	567.5	528.2	509.7	491.2	479.9
35°	2562.2	1639.2	1242.7	846.1	705.0	563.3	530.5	497.2	476.9	456.7	446.0
37.5°	2516.9	1551.1	1182.5	813.4	669.3	524.6	500.8	476.3	455.5	434.1	424.0
40°	2475.8	1476.7	1137.9	798.5	649.6	500.2	479.9	459.7	438.2	416.2	404.3
42.5°	2442.5	1426.7	1093.8	761.0	631.8	502.0	473.4	444.2	423.4	402.5	389.4
45°	2417.5	1393.9	1059.3	724.6	615.1	505.5	469.2	432.9	412.0	390.6	375.1
47.5°	2415.1	1376.6	1034.9	693.1	583.5	473.4	458.5	443.6	413.2	382.3	364.4
50°	2447.8	1348.7	1006.3	663.3	553.2	443.0	463.2	482.9	431.1	378.7	356.1
52.5°	2516.3	1299.2	961.0	622.8	516.2	409.1	440.6	471.6	426.9	381.7	352.5
55°	2599.1	1226.6	892.6	557.9	467.4	376.3	404.3	431.7	403.7	375.1	340.0
57.5°	2650.9	1134.9	806.2	477.5	412.6	347.7	363.8	379.3	368.0	356.7	320.9
60°	2619.9	1012.8	709.2	404.9	364.4	323.9	320.9	317.4	334.0	350.7	309.6
62.5°	2468.7	886.6	623.4	360.2	329.9	298.9	292.4	285.2	312.6	339.4	295.9
65°	2213.2	798.5	569.2	340.0	306.1	272.1	265.0	257.8	266.2	274.5	254.3
67.5°	1888.7	744.3	538.3	332.3	291.2	249.5	241.2	232.8	231.0	229.2	222.1
70°	1554.1	711.0	518.0	325.1	275.1	224.5	216.7	209.0	206.6	203.6	198.3
72.5°	1299.2	706.8	515.6	324.5	262.0	199.5	192.3	185.2	182.2	178.6	174.5
75°	1064.0	663.3	489.4	315.6	244.1	172.1	165.5	159.0	156.6	153.6	150.0
77.5°	789.5	549.0	411.4	273.9	209.0	144.1	137.5	130.4	129.8	128.6	125.6
80°	512.1	397.2	294.1	191.1	152.4	113.1	107.8	101.8	102.4	103.0	100.6
82.5°	284.6	231.6	179.8	128.0	104.2	80.4	78.0	75.0	76.8	78.0	75.0
85°	150.0	116.7	96.5	76.2	60.1	44.1	44.1	43.5	45.8	48.2	45.8
87.5°	64.9	41.1	35.1	28.6	16.1	3.0	3.6	3.6	4.8	6.0	5.4
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: P320438
 CATALOG NUMBER: GAN-SA4B-827-U-SLL

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: P320438

CATALOG NUMBER: GAN-SA4B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2
2.5°	4102.0	4058.5	4014.4	3966.2	3975.1	3938.2	3901.3	3878.1	3854.9	3847.7	3840.6
5°	3314.8	3265.4	3215.4	3170.7	3209.4	3183.2	3157.0	3153.4	3149.3	3149.3	3148.7
7.5°	2452.6	2399.6	2346.0	2309.1	2347.2	2342.4	2337.7	2363.3	2388.9	2409.7	2430.0
10°	1992.9	1928.6	1863.7	1808.9	1799.4	1772.0	1744.0	1750.0	1755.3	1778.0	1800.6
12.5°	1732.1	1655.3	1578.5	1514.2	1485.0	1439.8	1393.9	1365.3	1336.8	1339.7	1342.1
15°	1435.0	1360.6	1285.5	1230.2	1211.7	1176.6	1141.5	1105.7	1069.4	1054.5	1039.0
17.5°	1097.4	1037.8	977.7	940.8	940.8	930.7	920.5	902.7	884.2	869.3	853.9
20°	804.4	772.9	740.7	725.2	730.0	730.6	730.6	739.5	748.5	743.7	738.9
22.5°	665.7	654.4	643.1	636.5	638.9	639.5	640.1	648.4	656.2	662.1	667.5
25°	600.8	593.6	586.5	584.1	589.5	590.1	590.1	595.4	600.8	606.7	612.7
27.5°	550.2	547.2	544.2	540.1	545.4	545.4	544.8	550.8	556.1	561.5	566.3
30°	502.0	503.1	503.7	502.5	506.1	508.5	510.3	514.5	518.0	522.2	526.4
32.5°	468.0	466.2	464.4	463.2	471.0	475.2	479.3	483.5	487.1	488.9	490.6
35°	435.3	431.1	426.9	424.0	431.1	436.5	441.8	449.6	456.7	457.9	459.1
37.5°	413.2	407.9	402.5	398.9	401.9	404.3	406.7	415.0	423.4	428.1	432.3
40°	392.4	387.0	381.7	378.7	380.5	381.1	381.7	385.8	389.4	398.3	406.7
42.5°	375.7	369.2	362.6	359.0	360.2	361.4	362.0	361.4	360.8	369.2	377.5
45°	359.0	351.9	344.8	340.6	341.2	341.2	341.2	340.0	338.2	342.4	346.5
47.5°	345.9	337.6	329.3	325.1	323.9	322.7	321.5	320.9	319.7	322.7	325.1
50°	332.8	323.9	314.4	309.6	306.6	305.5	304.3	303.7	302.5	305.5	307.8
52.5°	322.7	312.0	301.3	293.5	290.6	288.8	287.0	287.6	287.6	288.8	289.4
55°	304.9	295.3	285.2	279.9	274.5	273.3	272.1	273.9	275.1	275.1	275.1
57.5°	285.2	276.3	266.8	263.2	258.4	258.4	257.8	260.2	262.0	263.2	264.4
60°	267.9	257.8	247.7	244.7	242.9	242.3	241.7	244.7	247.1	249.5	251.9
62.5°	251.9	241.2	230.4	226.9	226.3	226.9	226.9	229.8	232.2	234.6	237.0
65°	234.0	223.3	212.0	208.4	209.6	211.4	213.2	215.5	217.3	219.7	222.1
67.5°	214.4	205.4	195.9	192.3	192.9	195.3	197.7	199.5	200.7	203.0	205.4
70°	192.9	185.2	177.4	175.1	174.5	177.4	179.8	181.0	182.2	185.2	187.6
72.5°	169.7	163.1	156.6	154.8	155.4	157.2	159.0	160.8	162.0	164.9	167.3
75°	145.9	139.9	134.0	132.8	134.0	135.8	137.5	138.7	139.9	143.5	146.5
77.5°	122.7	116.1	109.0	108.4	110.2	111.9	113.1	114.9	116.7	121.5	126.2
80°	98.2	91.1	83.4	82.8	84.6	86.3	88.1	89.9	91.7	97.7	103.0
82.5°	72.0	63.7	55.4	54.2	60.1	61.9	63.7	66.7	69.1	74.4	79.8
85°	43.5	35.1	26.8	26.2	31.6	34.5	37.5	41.1	44.1	48.8	53.6
87.5°	4.8	2.4	0.0	0.0	0.6	3.0	5.4	8.3	11.3	16.1	20.2
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: P320438

CATALOG NUMBER: GAN-SA4B-827-U-SLL

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: P320438

CATALOG NUMBER: GAN-SA4B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2
2.5°	3814.4	3787.6	3815.0	3841.8	3853.1	3864.4	3835.2	3805.4	3851.9	3897.7	3909.6
5°	3124.8	3100.4	3118.9	3136.8	3096.9	3057.0	3052.8	3048.0	3082.6	3117.1	3122.5
7.5°	2422.2	2414.5	2431.8	2449.0	2398.4	2347.2	2322.2	2297.2	2305.5	2313.9	2312.7
10°	1806.0	1810.7	1832.2	1853.0	1813.7	1774.4	1757.1	1739.9	1758.9	1777.4	1794.6
12.5°	1352.8	1363.0	1385.6	1407.6	1391.5	1374.9	1376.6	1378.4	1400.5	1421.9	1441.0
15°	1050.9	1062.9	1078.9	1094.4	1095.0	1095.0	1110.5	1125.4	1123.6	1121.8	1134.9
17.5°	869.9	885.4	887.2	889.0	889.6	890.2	889.0	887.8	878.9	869.9	880.1
20°	744.9	750.2	755.0	759.2	753.8	747.9	733.0	718.1	712.1	706.2	715.7
22.5°	677.6	687.1	682.4	677.0	666.3	655.0	643.7	631.8	631.2	630.0	635.3
25°	621.0	628.8	620.4	612.1	604.4	596.6	588.9	581.1	580.6	580.0	582.3
27.5°	574.0	581.1	573.4	565.7	559.1	552.6	546.6	540.7	539.5	538.3	538.9
30°	533.5	540.1	533.5	526.4	521.6	516.2	512.1	507.9	507.3	506.7	506.7
32.5°	497.2	503.7	499.0	494.2	490.0	485.9	482.9	479.9	476.9	474.0	467.4
35°	465.6	472.2	469.2	465.6	460.9	456.1	450.7	444.8	437.1	428.7	425.1
37.5°	438.8	445.4	442.4	439.4	432.9	426.3	416.8	406.7	404.3	401.3	400.7
40°	417.4	427.5	421.6	415.0	404.9	394.8	390.0	385.2	384.1	382.9	381.7
42.5°	393.6	409.1	398.3	387.6	378.1	368.6	367.4	366.2	365.6	365.0	365.0
45°	363.8	380.5	369.8	358.5	353.1	347.7	347.7	347.7	348.3	348.3	349.5
47.5°	335.8	345.9	340.6	335.2	332.3	329.3	329.9	330.5	332.3	333.4	336.4
50°	312.0	315.6	316.8	317.4	315.6	313.8	315.0	315.6	317.4	318.6	320.9
52.5°	294.7	300.1	300.1	299.5	299.5	299.5	300.7	301.9	303.7	305.5	307.8
55°	283.4	291.2	288.8	286.4	287.0	287.0	288.2	289.4	291.2	292.4	295.9
57.5°	272.7	281.0	278.7	276.3	276.3	276.3	276.9	277.5	279.3	280.5	282.8
60°	260.2	268.5	266.2	263.2	263.8	264.4	265.0	265.0	266.2	266.8	266.8
62.5°	245.3	253.7	251.3	248.3	250.1	251.3	251.3	251.3	252.5	253.1	251.3
65°	229.8	237.6	235.2	232.8	235.2	237.0	238.2	238.8	238.2	237.6	235.8
67.5°	213.2	220.9	218.5	215.5	218.5	220.9	223.3	225.1	223.3	221.5	219.1
70°	195.3	203.0	200.1	197.1	200.1	203.0	205.4	207.8	205.4	203.0	202.4
72.5°	176.2	185.2	181.6	178.0	181.6	185.2	186.4	187.6	185.8	184.0	182.8
75°	155.4	164.3	161.4	157.8	160.8	163.7	164.3	164.9	164.9	164.3	160.8
77.5°	133.4	140.5	138.7	137.0	138.7	140.5	140.5	140.5	141.1	141.1	136.4
80°	107.2	111.3	111.9	112.5	113.1	113.7	113.1	112.5	111.3	110.2	107.2
82.5°	79.8	79.8	84.6	88.7	88.7	88.1	87.5	86.3	84.0	81.0	74.4
85°	50.6	47.6	55.4	62.5	62.5	61.9	60.7	58.9	54.2	48.8	43.5
87.5°	17.3	14.3	22.0	29.8	30.4	30.4	29.2	28.0	23.2	17.9	13.7
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: P320438
 CATALOG NUMBER: GAN-SA4B-827-U-SLL

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: P320438

CATALOG NUMBER: GAN-SA4B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2
2.5°	3927.5	3935.2	3942.4	4000.7	4058.5	4126.4	4194.3	4246.1	4297.3	4350.3	4403.2
5°	3140.9	3150.5	3160.0	3230.8	3301.1	3395.8	3490.4	3572.0	3653.6	3749.5	3845.3
7.5°	2328.2	2349.0	2369.2	2444.9	2519.9	2621.7	2722.9	2829.5	2935.5	3060.5	3185.6
10°	1828.6	1867.9	1906.6	1984.0	2061.4	2162.0	2262.1	2373.4	2484.8	2608.0	2730.7
12.5°	1480.3	1532.7	1584.5	1677.3	1770.2	1890.5	2010.2	2134.0	2257.3	2365.7	2474.0
15°	1169.4	1226.6	1283.2	1381.4	1479.7	1611.8	1743.4	1878.6	2013.2	2143.0	2272.8
17.5°	912.2	959.2	1005.7	1089.1	1171.8	1299.8	1427.9	1569.6	1711.3	1869.7	2027.5
20°	736.0	755.6	775.3	835.4	894.9	999.1	1102.7	1247.4	1392.1	1581.5	1770.8
22.5°	644.9	655.0	664.5	693.7	722.3	789.5	856.2	984.3	1111.7	1318.3	1524.3
25°	590.1	597.8	605.6	624.6	643.7	675.8	708.0	797.9	887.8	1090.8	1293.3
27.5°	540.7	552.6	563.9	572.8	581.1	603.2	624.6	683.6	742.5	931.9	1120.6
30°	504.9	509.1	513.3	527.0	540.1	562.7	585.3	626.4	667.5	827.7	987.2
32.5°	463.2	469.2	475.2	489.4	503.7	524.6	545.4	578.8	611.5	748.5	884.8
35°	425.7	431.7	437.6	451.9	465.6	488.3	510.3	538.3	565.7	684.8	803.8
37.5°	402.5	408.5	414.4	426.9	438.8	461.5	483.5	505.5	527.0	637.1	747.3
40°	382.9	388.8	394.8	406.7	418.0	440.0	461.5	479.9	498.4	601.4	704.4
42.5°	365.6	372.1	378.7	390.6	401.9	421.6	441.2	465.6	489.4	570.4	650.8
45°	351.3	357.9	363.8	376.9	390.0	409.1	428.1	462.1	496.0	554.4	612.7
47.5°	338.2	345.4	351.9	366.2	380.5	404.3	427.5	456.1	484.1	541.8	599.6
50°	325.7	334.0	342.4	359.6	376.3	416.2	455.5	459.7	463.2	531.7	599.6
52.5°	313.8	323.3	332.8	354.3	375.1	421.6	468.0	453.1	437.6	512.7	587.7
55°	301.9	310.2	318.0	344.2	370.4	404.3	438.2	418.6	398.3	476.9	555.5
57.5°	285.8	294.7	303.1	331.1	359.0	382.9	406.1	388.2	369.8	436.5	502.5
60°	269.1	279.3	289.4	325.1	360.2	356.1	351.3	347.7	343.6	391.2	438.8
62.5°	254.3	265.0	275.7	322.1	368.6	340.0	311.4	314.4	316.8	351.9	387.0
65°	239.4	250.1	260.2	283.4	306.6	295.3	284.0	288.8	293.0	327.5	362.0
67.5°	222.7	232.2	241.2	248.9	256.6	257.8	259.0	263.8	268.5	309.6	350.1
70°	204.2	212.0	219.7	225.1	229.8	232.2	234.0	240.0	245.9	290.6	335.2
72.5°	183.4	189.9	195.9	200.7	205.4	207.2	208.4	214.4	220.3	267.9	315.6
75°	160.8	166.1	170.9	175.1	179.2	181.6	184.0	188.2	192.3	244.1	295.3
77.5°	135.8	141.1	145.9	149.5	152.4	154.8	156.6	162.0	167.3	210.8	253.7
80°	106.0	112.5	118.5	121.5	123.9	124.4	124.4	129.2	134.0	164.9	195.3
82.5°	75.0	82.2	88.7	91.1	93.5	93.5	93.5	98.8	104.2	125.0	145.3
85°	44.1	51.8	58.9	61.3	63.7	64.9	65.5	67.9	69.7	84.6	98.8
87.5°	13.7	20.2	26.2	27.4	28.6	31.0	33.3	33.9	33.9	44.1	54.2
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: P320438
 CATALOG NUMBER: GAN-SA4B-827-U-SLL

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: P320438

CATALOG NUMBER: GAN-SA4B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2	4537.2
2.5°	4464.0	4524.7	4595.6	4665.8	4726.0	4786.1	4836.1
5°	3967.4	4089.5	4238.9	4387.8	4520.6	4653.3	4807.6
7.5°	3343.4	3501.2	3694.7	3888.2	4075.8	4262.7	4499.7
10°	2891.4	3051.6	3256.4	3460.7	3671.5	3881.6	4149.6
12.5°	2604.4	2734.2	2932.5	3130.8	3378.5	3625.6	3883.4
15°	2415.1	2556.8	2749.7	2942.6	3213.6	3484.5	3781.0
17.5°	2213.2	2398.4	2645.5	2892.6	3213.6	3533.9	3883.4
20°	2001.9	2232.3	2552.6	2873.0	3305.3	3737.0	4182.9
22.5°	1791.1	2057.8	2468.7	2878.9	3444.0	4008.5	4610.5
25°	1601.1	1909.0	2417.5	2925.4	3645.9	4365.7	5112.4
27.5°	1457.0	1792.9	2396.6	2999.8	3901.9	4804.0	5658.4
30°	1329.0	1670.8	2371.6	3072.4	4148.4	5223.8	6085.4
32.5°	1218.3	1551.7	2323.4	3094.5	4320.5	5546.5	6446.8
35°	1131.3	1458.8	2242.4	3026.0	4428.3	5830.5	6823.1
37.5°	1056.3	1365.3	2150.1	2934.9	4524.1	6113.3	7246.5
40°	984.9	1265.3	2070.9	2876.0	4656.3	6436.7	7693.6
42.5°	917.0	1183.1	2007.2	2831.3	4779.0	6726.0	8084.8
45°	866.4	1120.0	1950.6	2780.7	4858.2	6935.6	8379.6
47.5°	841.4	1082.5	1920.3	2757.5	4937.4	7116.7	8624.3
50°	837.8	1076.0	1954.8	2833.7	5108.8	7383.4	8904.1
52.5°	837.2	1086.7	2054.3	3021.8	5427.4	7832.4	9207.2
55°	824.7	1093.2	2172.7	3251.7	5854.9	8457.6	9752.1
57.5°	786.6	1070.6	2294.8	3518.4	6306.9	9094.7	10365.9
60°	727.6	1015.8	2395.4	3774.5	6610.5	9446.0	10602.3
62.5°	653.8	919.9	2428.8	3937.0	6602.2	9267.4	10364.2
65°	590.7	819.3	2319.2	3818.5	6268.2	8717.2	9893.2
67.5°	534.7	718.7	2045.3	3371.4	5667.4	7962.8	9294.2
70°	494.2	652.6	1692.2	2731.9	4915.3	7098.2	8600.5
72.5°	468.6	621.0	1379.6	2137.6	3988.8	5839.4	7356.6
75°	433.5	571.6	1082.5	1592.8	3052.8	4512.8	5556.6
77.5°	368.0	481.7	815.7	1149.8	2240.0	3329.7	3864.4
80°	284.0	372.1	560.9	749.7	1541.6	2333.5	2634.8
82.5°	202.4	259.6	340.0	420.4	1024.1	1627.3	1652.3
85°	125.0	151.2	194.7	238.2	677.6	1117.0	930.7
87.5°	67.3	80.4	103.0	125.0	216.7	308.4	177.4
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: P320438
 CATALOG NUMBER: GAN-SA4B-827-U-SLL

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)