

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: P320228

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320228
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA4A-727-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 2700K, 615mA 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: 13817 lumens
Efficiency: N/A
Efficacy: 107.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G3

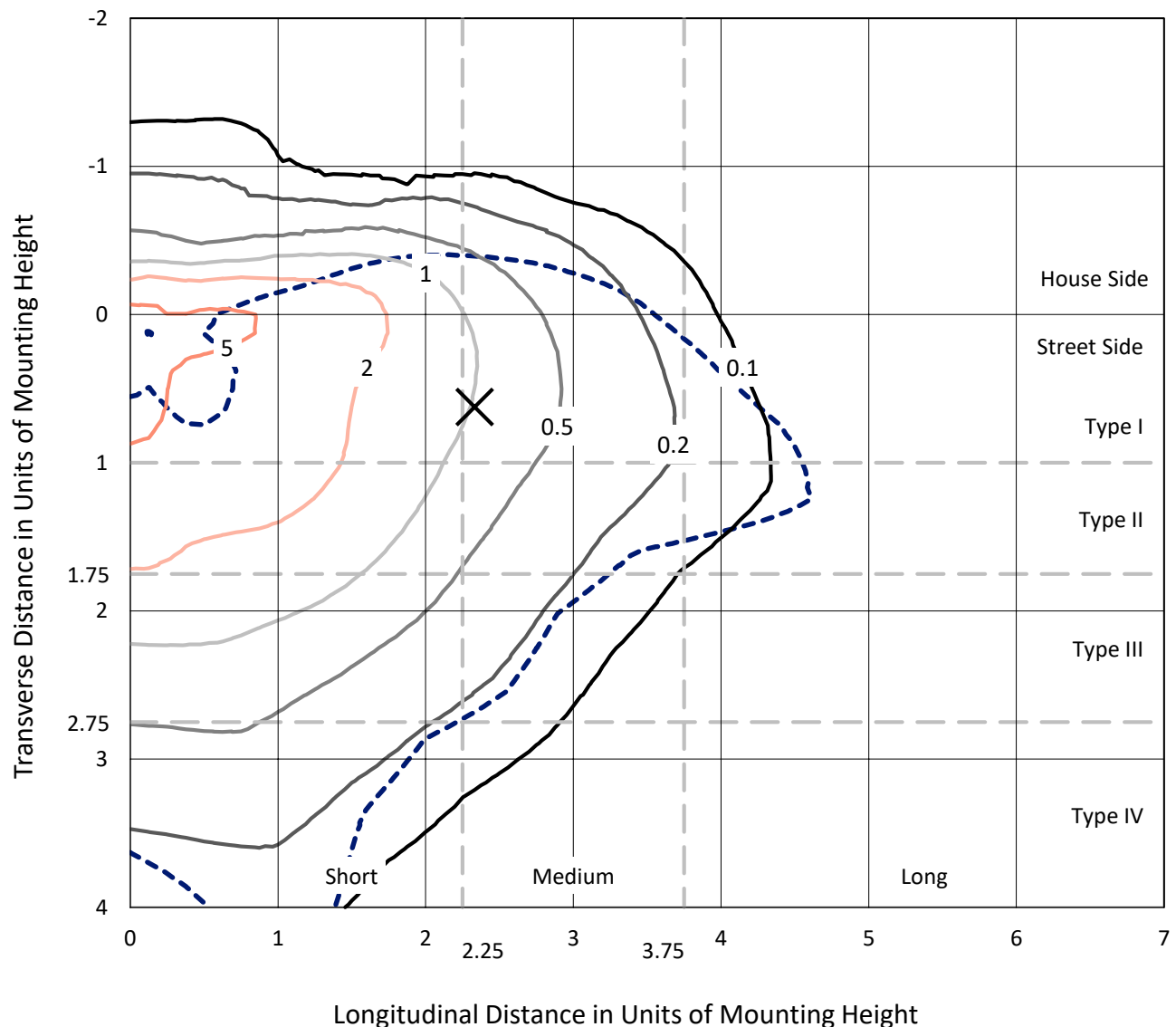
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P320228
 CATALOG NUMBER: GAN-SA4A-727-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

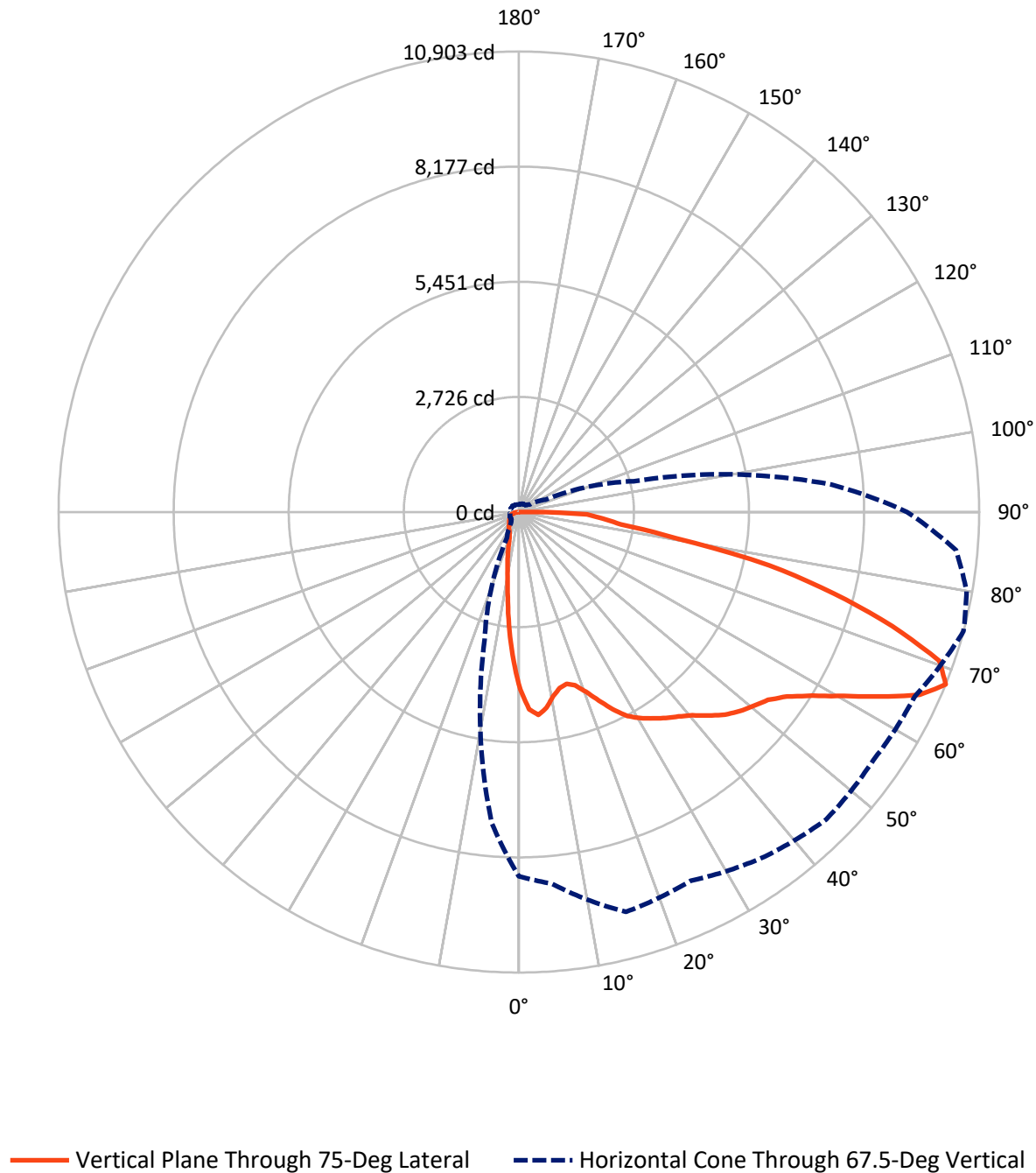
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.5 fc
 Type III - Medium - N/A

REPORT NUMBER: P320228
CATALOG NUMBER: GAN-SA4A-727-U-SLL

Luminous Intensity Polar Plot



REPORT NUMBER: P320228

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2433.5	0.0	2433.5
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	11383.5	0.0	11383.5
	% Fixture	82.4	0.0	82.4
Total	Lumens	13817.0	0.0	13817.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	324.9	2.4
10°-20°	674.9	4.9
20°-30°	959.8	6.9
30°-40°	1383.1	10.0
40°-50°	1949.2	14.1
50°-60°	2709.8	19.6
60°-70°	3276.9	23.7
70°-80°	2014.3	14.6
80°-90°	524.1	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	13817.0	100.0
0°-180°	13817.0	100.0

Coefficient of Utilization



REPORT NUMBER: P320228

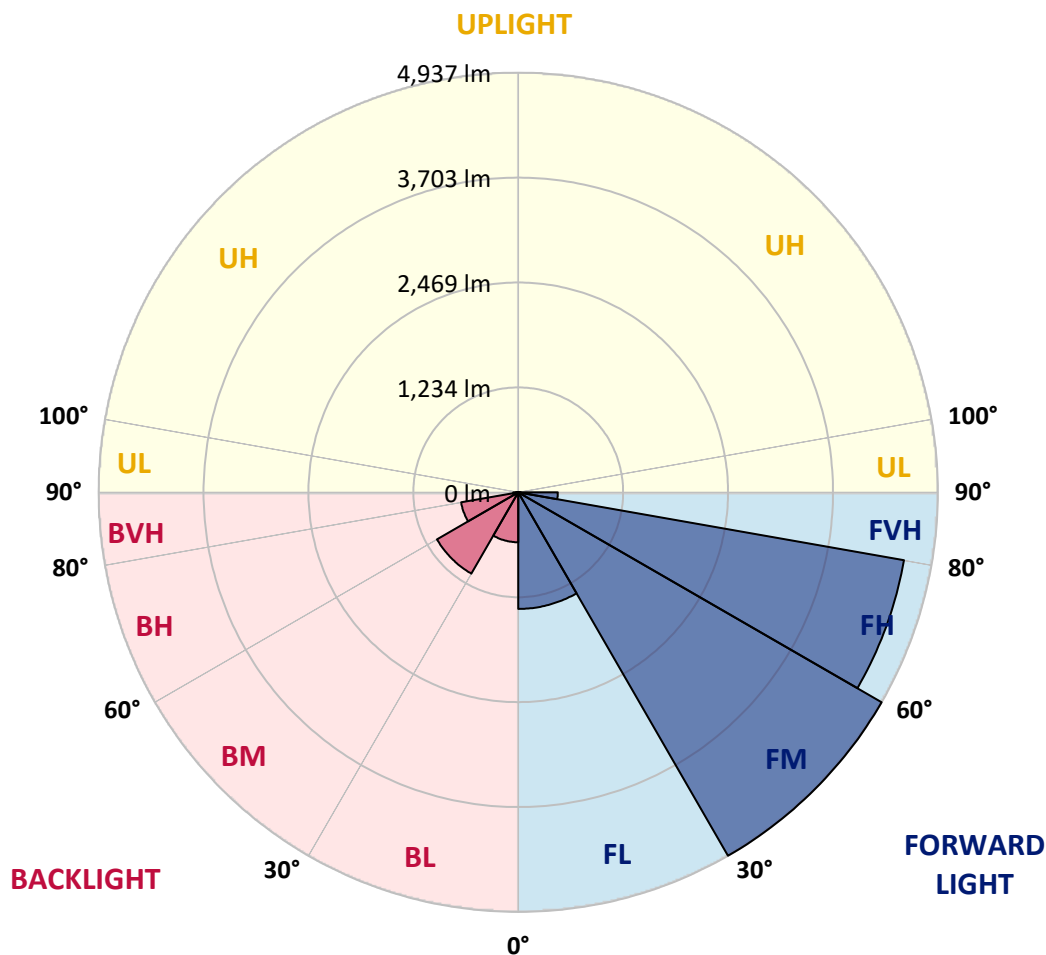
CATALOG NUMBER: GAN-SA4A-727-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1371.9	9.9			
FM	(30°-60°)	4937.5	35.7			
FH	(60°-80°)	4608.9	33.4			G2/5000
FVH	(80°-90°)	465.2	3.4			G3/500
BL	(0°-30°)	587.7	4.3	B2/1000		
BM	(30°-60°)	1104.6	8.0	B2/2500		
BH	(60°-80°)	682.3	4.9	B2/1000		G2/1000
BVH	(80°-90°)	58.9	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-G3

Type III Medium





REPORT NUMBER: P320228

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4
2.5°	4486.7	4545.8	4586.7	4627.0	4658.5	4689.5	4734.8	4780.1	4788.9	4797.2	4779.5
5°	4460.2	4604.4	4727.0	4849.1	4962.4	5075.6	5143.6	5211.5	5225.3	5239.1	5196.6
7.5°	4174.6	4387.3	4600.0	4812.7	5007.7	5202.7	5321.4	5439.6	5466.7	5493.2	5423.6
10°	3849.8	4097.3	4358.6	4619.9	4876.7	5133.6	5305.4	5477.2	5511.5	5545.7	5459.0
12.5°	3602.9	3873.0	4152.0	4430.9	4702.2	4972.9	5150.7	5328.6	5371.1	5413.7	5350.7
15°	3507.8	3803.9	4066.3	4328.7	4565.2	4801.1	4946.9	5092.2	5109.9	5127.0	5117.0
17.5°	3602.9	3929.3	4166.9	4403.9	4532.6	4660.7	4719.3	4777.3	4796.6	4815.4	4840.8
20°	3880.7	4233.2	4400.5	4567.4	4561.9	4555.8	4527.6	4498.9	4493.9	4488.9	4560.8
22.5°	4277.4	4686.7	4753.5	4819.8	4664.6	4509.4	4414.9	4319.9	4301.1	4281.8	4358.0
25°	4743.0	5178.9	5166.8	5154.0	4858.5	4562.4	4382.3	4202.2	4181.2	4160.2	4225.4
27.5°	5249.6	5666.1	5586.6	5507.0	5105.4	4703.8	4442.5	4181.2	4160.2	4139.3	4196.7
30°	5645.7	6023.5	5895.9	5768.3	5313.7	4859.1	4548.6	4238.1	4203.9	4169.1	4239.8
32.5°	5981.0	6302.5	6131.3	5960.0	5482.7	5005.4	4669.6	4333.7	4280.1	4226.5	4321.0
35°	6330.1	6580.9	6340.1	6098.7	5633.5	5167.9	4812.7	4456.9	4391.2	4325.4	4455.2
37.5°	6722.9	6931.2	6585.4	6239.0	5803.1	5367.3	5027.0	4686.1	4618.8	4551.4	4717.1
40°	7137.8	7311.2	6850.0	6388.7	5988.7	5588.8	5323.6	5057.9	4993.8	4929.2	5130.3
42.5°	7500.7	7627.2	7096.3	6565.5	6212.5	5858.9	5672.2	5484.9	5484.4	5483.3	5687.1
45°	7774.2	7884.1	7301.8	6719.0	6430.7	6141.8	6044.5	5947.3	6025.2	6103.1	6287.6
47.5°	8001.2	8075.8	7474.2	6872.1	6680.4	6488.7	6503.0	6517.4	6676.0	6834.5	6953.3
50°	8260.8	8200.6	7630.5	7059.9	7000.8	6941.7	7070.9	7199.6	7381.9	7563.7	7644.3
52.5°	8542.0	8382.4	7842.7	7302.4	7368.7	7435.0	7697.9	7960.9	8144.8	8328.8	8359.2
55°	9047.5	8802.8	8232.7	7662.0	7789.6	7916.7	8302.8	8688.4	8832.0	8975.7	8986.7
57.5°	9617.0	9399.9	8779.0	8158.1	8295.1	8432.1	8877.9	9323.1	9478.4	9633.0	9611.5
60°	9836.3	9846.8	9297.7	8748.1	8886.2	9024.3	9458.5	9892.7	10071.1	10249.0	10201.5
62.5°	9615.4	9874.4	9581.1	9287.2	9412.6	9537.5	9962.8	10388.2	10571.0	10753.9	10671.0
65°	9178.4	9435.3	9566.7	9698.2	9739.7	9781.1	10178.3	10574.9	10715.2	10855.0	10813.0
67.5°	8622.7	8830.4	9315.4	9799.9	9716.5	9633.0	9819.2	10005.4	10149.5	10293.7	10270.0
70°	7979.1	8226.6	8873.5	9520.3	9110.5	8700.0	8623.2	8546.4	8702.2	8857.4	8761.3
72.5°	6825.1	7198.5	7888.5	8577.9	7822.8	7067.6	6805.2	6542.8	6740.0	6937.2	6784.2
75°	5155.2	5650.7	6413.0	7174.8	6273.8	5372.8	5022.6	4672.3	4841.9	5011.5	4906.6
77.5°	3585.2	4206.7	4957.4	5708.1	4792.2	3875.8	3615.6	3354.8	3405.6	3455.9	3438.2
80°	2444.4	2853.2	3376.9	3900.1	3290.2	2680.3	2700.8	2720.7	2696.9	2672.6	2707.9
82.5°	1533.0	1820.8	2225.1	2629.0	2305.2	1981.5	2167.1	2352.7	2261.6	2169.9	2204.1
85°	863.4	1039.1	1434.6	1829.6	1705.3	1580.5	1689.3	1797.6	1656.1	1514.7	1577.1
87.5°	164.6	274.0	793.8	1313.1	1192.1	1071.1	930.8	790.5	603.2	416.0	607.7
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: P320228
 CATALOG NUMBER: GAN-SA4A-727-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: P320228

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

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4
2.5°	4761.8	4752.4	4743.0	4709.4	4675.1	4624.3	4582.3	4509.4	4469.6	4409.4	4349.2
5°	5153.5	5093.8	5034.2	4931.4	4828.1	4713.2	4581.2	4434.8	4324.3	4180.7	4037.1
7.5°	5354.0	5214.8	5075.1	4877.8	4680.1	4502.2	4293.4	4098.9	3933.2	3746.5	3559.8
10°	5372.3	5163.4	4954.1	4697.7	4440.9	4224.9	3984.6	3768.6	3569.7	3355.4	3140.5
12.5°	5287.2	5065.1	4842.5	4560.2	4277.4	4032.1	3773.6	3531.6	3311.2	3075.3	2838.9
15°	5107.1	4929.8	4751.9	4487.3	4222.7	3975.2	3724.4	3437.7	3188.5	2947.1	2705.2
17.5°	4865.7	4781.7	4697.2	4506.1	4314.4	4100.0	3857.0	3520.6	3228.9	2966.5	2704.1
20°	4632.0	4662.9	4693.3	4617.1	4540.9	4369.1	4156.9	3779.1	3406.8	3063.7	2720.1
22.5°	4433.7	4582.3	4730.3	4789.5	4848.0	4744.7	4579.0	4142.0	3649.3	3201.3	2753.2
25°	4290.1	4536.4	4782.8	4979.5	5175.6	5129.7	5002.1	4582.8	3970.8	3399.6	2827.8
27.5°	4254.2	4556.3	4858.5	5163.4	5467.8	5510.4	5475.0	5047.4	4354.1	3645.9	2937.2
30°	4310.5	4616.5	4922.0	5293.3	5663.9	5833.5	5881.0	5434.7	4792.2	3933.2	3073.6
32.5°	4415.5	4715.4	5015.4	5419.8	5823.6	6079.9	6231.3	5788.8	5097.7	4149.8	3201.3
35°	4585.1	4865.7	5146.3	5567.3	5988.2	6319.6	6595.9	6154.5	5368.9	4301.1	3232.7
37.5°	4882.3	5123.7	5365.1	5754.0	6142.3	6572.1	6987.0	6557.2	5662.3	4447.0	3231.1
40°	5331.4	5502.1	5672.2	6000.9	6329.0	6869.9	7430.0	7006.3	5986.5	4604.9	3223.4
42.5°	5891.0	5978.8	6066.1	6326.3	6586.5	7180.9	7832.2	7445.5	6295.9	4751.9	3207.9
45°	6471.6	6494.8	6518.0	6682.0	6845.5	7427.2	8106.2	7775.3	6566.0	4879.5	3192.4
47.5°	7071.5	6991.9	6912.4	6977.6	7042.8	7616.2	8301.7	8025.5	6837.3	5020.9	3204.0
50°	7725.0	7503.5	7282.0	7247.7	7213.5	7805.1	8532.1	8343.7	7163.2	5227.0	3290.7
52.5°	8389.0	8023.8	7658.7	7523.4	7387.5	8030.5	8837.6	8739.8	7628.3	5546.3	3463.7
55°	8997.8	8533.2	8068.6	7886.3	7704.0	8375.2	9210.4	9321.5	8224.4	5954.5	3684.1
57.5°	9589.4	9062.9	8536.5	8367.5	8198.4	8881.8	9682.8	9843.5	8826.5	6346.2	3865.3
60°	10154.0	9633.0	9111.6	8976.2	8840.3	9511.5	10193.2	10076.1	9137.0	6529.6	3921.6
62.5°	10588.2	10173.9	9759.5	9688.3	9616.5	10148.4	10585.4	9985.5	8939.8	6348.9	3758.1
65°	10771.0	10535.1	10298.7	10365.5	10431.8	10630.2	10683.2	9720.3	8319.9	5842.9	3365.9
67.5°	10245.7	10293.7	10341.8	10622.4	10902.5	10766.0	10392.6	9197.7	7437.7	5125.9	2814.0
70°	8664.7	8953.0	9240.8	9904.8	10568.3	10265.6	9614.3	8259.7	6376.0	4300.0	2223.5
72.5°	6630.7	6954.9	7278.6	8264.2	9249.1	8970.1	8172.4	6784.2	5112.1	3433.8	1755.0
75°	4801.1	5167.3	5533.0	6620.2	7707.3	7320.1	6113.0	4857.4	3882.9	2621.2	1358.9
77.5°	3420.0	3665.3	3910.6	4984.5	6057.8	5426.9	4069.1	3268.6	2687.5	1821.9	955.7
80°	2743.3	2668.2	2593.0	3191.3	3789.6	3684.6	2691.4	2099.2	1860.0	1220.8	581.7
82.5°	2237.8	2054.4	1871.0	2152.8	2434.5	2419.0	1867.7	1540.1	1384.4	848.5	312.7
85°	1639.0	1565.5	1492.1	1741.2	1990.4	1777.7	1265.0	978.9	1079.4	624.8	170.1
87.5°	799.3	913.1	1026.4	1320.3	1613.6	1211.4	383.9	190.0	263.0	172.9	82.3
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: P320228

CATALOG NUMBER: GAN-SA4A-727-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: P320228

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

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4
2.5°	4304.4	4259.1	4207.8	4156.4	4097.8	4038.7	4003.9	3968.6	3930.4	3892.3	3849.2
5°	3942.0	3847.0	3739.3	3631.6	3525.0	3418.4	3360.9	3303.5	3242.7	3181.4	3128.3
7.5°	3421.7	3283.0	3133.9	2984.2	2851.6	2718.4	2636.1	2553.3	2478.1	2402.5	2338.9
10°	2963.7	2786.9	2637.2	2487.0	2387.0	2287.0	2211.3	2135.6	2062.7	1989.3	1919.1
12.5°	2662.1	2485.3	2390.3	2295.3	2212.4	2129.6	2042.3	1954.4	1854.5	1753.9	1680.5
15°	2544.4	2383.7	2278.2	2172.1	2061.1	1949.5	1842.3	1735.1	1616.9	1498.7	1415.3
17.5°	2493.6	2283.1	2135.6	1987.6	1841.2	1694.8	1570.5	1446.2	1317.0	1187.7	1103.2
20°	2440.0	2159.9	1962.2	1763.9	1576.0	1388.2	1247.4	1106.5	991.0	875.6	810.9
22.5°	2391.4	2029.0	1781.0	1532.4	1310.3	1088.3	950.2	811.5	740.8	670.1	644.1
25°	2371.5	1914.7	1609.7	1304.8	1070.6	835.8	737.5	639.1	612.1	584.5	571.2
27.5°	2374.8	1812.5	1465.6	1118.1	907.1	696.0	628.6	561.3	544.7	527.6	519.3
30°	2387.5	1701.4	1329.7	957.9	783.9	609.9	566.2	522.0	504.4	486.7	476.2
32.5°	2401.9	1602.0	1224.7	846.9	704.9	562.4	526.5	490.0	472.9	455.7	445.2
35°	2377.0	1520.8	1152.9	785.0	654.1	522.6	492.2	461.3	442.5	423.7	413.8
37.5°	2335.1	1439.0	1097.1	754.6	620.9	486.7	464.6	441.9	422.6	402.7	393.3
40°	2296.9	1370.0	1055.7	740.8	602.7	464.0	445.2	426.5	406.6	386.1	375.1
42.5°	2266.0	1323.6	1014.8	706.0	586.1	465.7	439.2	412.1	392.8	373.4	361.3
45°	2242.8	1293.2	982.7	672.3	570.6	469.0	435.3	401.6	382.3	362.4	348.0
47.5°	2240.6	1277.2	960.1	643.0	541.4	439.2	425.4	411.6	383.4	354.7	338.1
50°	2271.0	1251.2	933.6	615.4	513.2	411.0	429.8	448.0	399.9	351.3	330.3
52.5°	2334.5	1205.4	891.6	577.8	478.9	379.5	408.8	437.5	396.1	354.1	327.0
55°	2411.3	1138.0	828.1	517.6	433.6	349.1	375.1	400.5	374.5	348.0	315.4
57.5°	2459.4	1052.9	748.0	443.0	382.8	322.6	337.5	351.9	341.4	330.9	297.8
60°	2430.6	939.7	657.9	375.6	338.1	300.5	297.8	294.4	309.9	325.4	287.3
62.5°	2290.3	822.5	578.4	334.2	306.0	277.3	271.2	264.6	290.0	314.9	274.6
65°	2053.3	740.8	528.1	315.4	283.9	252.5	245.8	239.2	246.9	254.7	235.9
67.5°	1752.3	690.5	499.4	308.2	270.1	231.5	223.7	216.0	214.3	212.7	206.1
70°	1441.8	659.6	480.6	301.6	255.2	208.3	201.1	193.9	191.7	188.9	184.0
72.5°	1205.4	655.7	478.4	301.1	243.1	185.1	178.4	171.8	169.0	165.7	161.9
75°	987.2	615.4	454.1	292.8	226.5	159.6	153.6	147.5	145.3	142.5	139.2
77.5°	732.5	509.3	381.7	254.1	193.9	133.7	127.6	121.0	120.4	119.3	116.6
80°	475.1	368.5	272.9	177.3	141.4	105.0	100.0	94.5	95.0	95.6	93.4
82.5°	264.1	214.9	166.8	118.8	96.7	74.6	72.4	69.6	71.3	72.4	69.6
85°	139.2	108.3	89.5	70.7	55.8	40.9	40.9	40.3	42.5	44.7	42.5
87.5°	60.2	38.1	32.6	26.5	14.9	2.8	3.3	3.3	4.4	5.5	5.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320228
 CATALOG NUMBER: GAN-SA4A-727-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: P320228

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

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4
2.5°	3805.6	3765.3	3724.4	3679.6	3687.9	3653.7	3619.4	3597.9	3576.3	3569.7	3563.1
5°	3075.3	3029.5	2983.0	2941.6	2977.5	2953.2	2928.9	2925.6	2921.7	2921.7	2921.2
7.5°	2275.4	2226.2	2176.5	2142.3	2177.6	2173.2	2168.8	2192.5	2216.3	2235.6	2254.4
10°	1848.9	1789.3	1729.1	1678.2	1669.4	1644.0	1618.0	1623.6	1628.5	1649.5	1670.5
12.5°	1607.0	1535.7	1464.5	1404.8	1377.7	1335.7	1293.2	1266.7	1240.2	1242.9	1245.1
15°	1331.3	1262.3	1192.7	1141.3	1124.2	1091.6	1059.0	1025.8	992.1	978.3	964.0
17.5°	1018.1	962.9	907.1	872.8	872.8	863.4	854.0	837.5	820.3	806.5	792.2
20°	746.3	717.0	687.2	672.8	677.3	677.8	677.8	686.1	694.4	690.0	685.5
22.5°	617.6	607.1	596.6	590.5	592.7	593.3	593.8	601.6	608.8	614.3	619.3
25°	557.4	550.8	544.1	541.9	546.9	547.4	547.4	552.4	557.4	562.9	568.4
27.5°	510.4	507.7	504.9	501.0	506.0	506.0	505.5	511.0	516.0	520.9	525.3
30°	465.7	466.8	467.3	466.2	469.6	471.8	473.4	477.3	480.6	484.5	488.3
32.5°	434.2	432.5	430.9	429.8	437.0	440.8	444.7	448.6	451.9	453.5	455.2
35°	403.8	399.9	396.1	393.3	399.9	404.9	409.9	417.1	423.7	424.8	425.9
37.5°	383.4	378.4	373.4	370.1	372.9	375.1	377.3	385.0	392.8	397.2	401.1
40°	364.0	359.1	354.1	351.3	353.0	353.5	354.1	358.0	361.3	369.6	377.3
42.5°	348.6	342.5	336.4	333.1	334.2	335.3	335.9	335.3	334.8	342.5	350.2
45°	333.1	326.5	319.8	316.0	316.5	316.5	316.5	315.4	313.8	317.6	321.5
47.5°	321.0	313.2	305.5	301.6	300.5	299.4	298.3	297.8	296.6	299.4	301.6
50°	308.8	300.5	291.7	287.3	284.5	283.4	282.3	281.7	280.6	283.4	285.6
52.5°	299.4	289.5	279.5	272.3	269.6	267.9	266.3	266.8	266.8	267.9	268.5
55°	282.8	274.0	264.6	259.6	254.7	253.6	252.5	254.1	255.2	255.2	255.2
57.5°	264.6	256.3	247.5	244.2	239.7	239.7	239.2	241.4	243.1	244.2	245.3
60°	248.6	239.2	229.8	227.0	225.4	224.8	224.3	227.0	229.3	231.5	233.7
62.5°	233.7	223.7	213.8	210.5	209.9	210.5	210.5	213.2	215.4	217.7	219.9
65°	217.1	207.2	196.7	193.3	194.5	196.1	197.8	200.0	201.6	203.8	206.1
67.5°	198.9	190.6	181.7	178.4	179.0	181.2	183.4	185.1	186.2	188.4	190.6
70°	179.0	171.8	164.6	162.4	161.9	164.6	166.8	167.9	169.0	171.8	174.0
72.5°	157.4	151.4	145.3	143.6	144.2	145.8	147.5	149.2	150.3	153.0	155.2
75°	135.3	129.8	124.3	123.2	124.3	126.0	127.6	128.7	129.8	133.1	135.9
77.5°	113.8	107.7	101.1	100.5	102.2	103.9	105.0	106.6	108.3	112.7	117.1
80°	91.1	84.5	77.3	76.8	78.4	80.1	81.8	83.4	85.1	90.6	95.6
82.5°	66.8	59.1	51.4	50.3	55.8	57.5	59.1	61.9	64.1	69.1	74.0
85°	40.3	32.6	24.9	24.3	29.3	32.0	34.8	38.1	40.9	45.3	49.7
87.5°	4.4	2.2	0.0	0.0	0.6	2.8	5.0	7.7	10.5	14.9	18.8
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: P320228
 CATALOG NUMBER: GAN-SA4A-727-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: P320228

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

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4
2.5°	3538.8	3513.9	3539.3	3564.2	3574.7	3585.2	3558.1	3530.5	3573.6	3616.1	3627.2
5°	2899.1	2876.4	2893.6	2910.1	2873.1	2836.1	2832.2	2827.8	2859.9	2891.9	2896.9
7.5°	2247.2	2240.0	2256.1	2272.1	2225.1	2177.6	2154.4	2131.2	2139.0	2146.7	2145.6
10°	1675.5	1679.9	1699.8	1719.1	1682.7	1646.2	1630.2	1614.2	1631.8	1649.0	1665.0
12.5°	1255.1	1264.5	1285.5	1305.9	1291.0	1275.5	1277.2	1278.8	1299.3	1319.2	1336.8
15°	975.0	986.1	1001.0	1015.3	1015.9	1015.9	1030.3	1044.1	1042.4	1040.8	1052.9
17.5°	807.1	821.4	823.1	824.8	825.3	825.9	824.8	823.7	815.4	807.1	816.5
20°	691.1	696.0	700.5	704.3	699.4	693.8	680.0	666.2	660.7	655.2	664.0
22.5°	628.6	637.5	633.1	628.1	618.2	607.7	597.2	586.1	585.6	584.5	589.4
25°	576.2	583.4	575.6	567.9	560.7	553.5	546.3	539.2	538.6	538.1	540.3
27.5°	532.5	539.2	532.0	524.8	518.7	512.6	507.1	501.6	500.5	499.4	499.9
30°	495.0	501.0	495.0	488.3	483.9	478.9	475.1	471.2	470.7	470.1	470.1
32.5°	461.3	467.3	462.9	458.5	454.6	450.8	448.0	445.2	442.5	439.7	433.6
35°	432.0	438.1	435.3	432.0	427.6	423.2	418.2	412.7	405.5	397.7	394.4
37.5°	407.1	413.2	410.4	407.7	401.6	395.5	386.7	377.3	375.1	372.3	371.8
40°	387.2	396.6	391.1	385.0	375.6	366.3	361.8	357.4	356.3	355.2	354.1
42.5°	365.1	379.5	369.6	359.6	350.8	341.9	340.8	339.7	339.2	338.6	338.6
45°	337.5	353.0	343.1	332.6	327.6	322.6	322.6	322.6	323.2	323.2	324.3
47.5°	311.6	321.0	316.0	311.0	308.2	305.5	306.0	306.6	308.2	309.4	312.1
50°	289.5	292.8	293.9	294.4	292.8	291.1	292.2	292.8	294.4	295.5	297.8
52.5°	273.4	278.4	278.4	277.9	277.9	277.9	279.0	280.1	281.7	283.4	285.6
55°	263.0	270.1	267.9	265.7	266.3	266.3	267.4	268.5	270.1	271.2	274.6
57.5°	253.0	260.7	258.5	256.3	256.3	256.3	256.9	257.4	259.1	260.2	262.4
60°	241.4	249.1	246.9	244.2	244.7	245.3	245.8	245.8	246.9	247.5	247.5
62.5°	227.6	235.3	233.1	230.4	232.0	233.1	233.1	233.1	234.2	234.8	233.1
65°	213.2	220.4	218.2	216.0	218.2	219.9	221.0	221.5	221.0	220.4	218.8
67.5°	197.8	204.9	202.7	200.0	202.7	204.9	207.2	208.8	207.2	205.5	203.3
70°	181.2	188.4	185.6	182.8	185.6	188.4	190.6	192.8	190.6	188.4	187.8
72.5°	163.5	171.8	168.5	165.2	168.5	171.8	172.9	174.0	172.4	170.7	169.6
75°	144.2	152.5	149.7	146.4	149.2	151.9	152.5	153.0	153.0	152.5	149.2
77.5°	123.7	130.4	128.7	127.1	128.7	130.4	130.4	130.4	130.9	130.9	126.5
80°	99.4	103.3	103.9	104.4	105.0	105.5	105.0	104.4	103.3	102.2	99.4
82.5°	74.0	74.0	78.4	82.3	82.3	81.8	81.2	80.1	77.9	75.1	69.1
85°	47.0	44.2	51.4	58.0	58.0	57.5	56.3	54.7	50.3	45.3	40.3
87.5°	16.0	13.3	20.4	27.6	28.2	28.2	27.1	26.0	21.5	16.6	12.7
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: P320228
 CATALOG NUMBER: GAN-SA4A-727-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: P320228

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

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4
2.5°	3643.7	3650.9	3657.5	3711.7	3765.3	3828.2	3891.2	3939.3	3986.8	4036.0	4085.1
5°	2914.0	2922.8	2931.7	2997.4	3062.6	3150.4	3238.3	3313.9	3389.6	3478.6	3567.5
7.5°	2159.9	2179.3	2198.1	2268.2	2337.8	2432.3	2526.2	2625.1	2723.4	2839.4	2955.4
10°	1696.5	1732.9	1768.8	1840.7	1912.5	2005.8	2098.6	2201.9	2305.2	2419.6	2533.4
12.5°	1373.3	1421.9	1470.0	1556.2	1642.3	1753.9	1865.0	1979.9	2094.2	2194.8	2295.3
15°	1084.9	1138.0	1190.5	1281.6	1372.8	1495.4	1617.5	1742.9	1867.7	1988.1	2108.6
17.5°	846.3	889.9	933.0	1010.4	1087.2	1205.9	1324.7	1456.2	1587.6	1734.6	1881.0
20°	682.8	701.0	719.2	775.0	830.3	927.0	1023.1	1157.3	1291.5	1467.2	1642.9
22.5°	598.3	607.7	616.5	643.6	670.1	732.5	794.4	913.1	1031.4	1223.1	1414.2
25°	547.4	554.6	561.8	579.5	597.2	627.0	656.8	740.2	823.7	1012.0	1199.8
27.5°	501.6	512.6	523.1	531.4	539.2	559.6	579.5	634.2	688.9	864.5	1039.6
30°	468.4	472.3	476.2	488.9	501.0	522.0	543.0	581.1	619.3	767.9	915.9
32.5°	429.8	435.3	440.8	454.1	467.3	486.7	506.0	536.9	567.3	694.4	820.9
35°	395.0	400.5	406.0	419.3	432.0	453.0	473.4	499.4	524.8	635.3	745.8
37.5°	373.4	379.0	384.5	396.1	407.1	428.1	448.6	469.0	488.9	591.1	693.3
40°	355.2	360.7	366.3	377.3	387.8	408.2	428.1	445.2	462.4	557.9	653.5
42.5°	339.2	345.3	351.3	362.4	372.9	391.1	409.3	432.0	454.1	529.2	603.8
45°	325.9	332.0	337.5	349.7	361.8	379.5	397.2	428.7	460.2	514.3	568.4
47.5°	313.8	320.4	326.5	339.7	353.0	375.1	396.6	423.2	449.1	502.7	556.3
50°	302.2	309.9	317.6	333.7	349.1	386.1	422.6	426.5	429.8	493.3	556.3
52.5°	291.1	300.0	308.8	328.7	348.0	391.1	434.2	420.4	406.0	475.6	545.2
55°	280.1	287.8	295.0	319.3	343.6	375.1	406.6	388.3	369.6	442.5	515.4
57.5°	265.2	273.4	281.2	307.1	333.1	355.2	376.7	360.2	343.1	404.9	466.2
60°	249.7	259.1	268.5	301.6	334.2	330.3	325.9	322.6	318.7	362.9	407.1
62.5°	235.9	245.8	255.8	298.9	341.9	315.4	288.9	291.7	293.9	326.5	359.1
65°	222.1	232.0	241.4	263.0	284.5	274.0	263.5	267.9	271.8	303.8	335.9
67.5°	206.6	215.4	223.7	230.9	238.1	239.2	240.3	244.7	249.1	287.3	324.8
70°	189.5	196.7	203.8	208.8	213.2	215.4	217.1	222.6	228.1	269.6	311.0
72.5°	170.1	176.2	181.7	186.2	190.6	192.2	193.3	198.9	204.4	248.6	292.8
75°	149.2	154.1	158.5	162.4	166.3	168.5	170.7	174.6	178.4	226.5	274.0
77.5°	126.0	130.9	135.3	138.7	141.4	143.6	145.3	150.3	155.2	195.6	235.3
80°	98.3	104.4	109.9	112.7	114.9	115.5	115.5	119.9	124.3	153.0	181.2
82.5°	69.6	76.2	82.3	84.5	86.7	86.7	86.7	91.7	96.7	116.0	134.8
85°	40.9	48.1	54.7	56.9	59.1	60.2	60.8	63.0	64.6	78.4	91.7
87.5°	12.7	18.8	24.3	25.4	26.5	28.7	30.9	31.5	31.5	40.9	50.3
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: P320228
 CATALOG NUMBER: GAN-SA4A-727-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: P320228

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

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4	4209.4
2.5°	4141.5	4197.8	4263.6	4328.7	4384.5	4440.3	4486.7
5°	3680.8	3794.0	3932.7	4070.8	4193.9	4317.1	4460.2
7.5°	3101.8	3248.2	3427.7	3607.3	3781.3	3954.7	4174.6
10°	2682.5	2831.1	3021.2	3210.6	3406.2	3601.2	3849.8
12.5°	2416.3	2536.7	2720.7	2904.6	3134.4	3363.7	3602.9
15°	2240.6	2372.1	2551.1	2730.0	2981.4	3232.7	3507.8
17.5°	2053.3	2225.1	2454.4	2683.6	2981.4	3278.6	3602.9
20°	1857.2	2071.0	2368.2	2665.4	3066.5	3467.0	3880.7
22.5°	1661.7	1909.2	2290.3	2670.9	3195.2	3718.9	4277.4
25°	1485.4	1771.0	2242.8	2714.0	3382.4	4050.3	4743.0
27.5°	1351.8	1663.3	2223.5	2783.1	3620.0	4456.9	5249.6
30°	1233.0	1550.1	2200.3	2850.5	3848.7	4846.4	5645.7
32.5°	1130.2	1439.6	2155.5	2870.9	4008.3	5145.8	5981.0
35°	1049.6	1353.4	2080.4	2807.4	4108.3	5409.3	6330.1
37.5°	980.0	1266.7	1994.8	2722.9	4197.3	5671.7	6722.9
40°	913.7	1173.9	1921.3	2668.2	4319.9	5971.6	7137.8
42.5°	850.7	1097.7	1862.2	2626.7	4433.7	6240.1	7500.7
45°	803.8	1039.1	1809.7	2579.8	4507.2	6434.5	7774.2
47.5°	780.6	1004.3	1781.5	2558.2	4580.6	6602.5	8001.2
50°	777.3	998.2	1813.6	2629.0	4739.7	6850.0	8260.8
52.5°	776.7	1008.2	1905.8	2803.5	5035.3	7266.5	8542.0
55°	765.1	1014.2	2015.8	3016.7	5431.9	7846.5	9047.5
57.5°	729.7	993.2	2129.0	3264.2	5851.2	8437.6	9617.0
60°	675.1	942.4	2222.4	3501.8	6132.9	8763.5	9836.3
62.5°	606.6	853.5	2253.3	3652.6	6125.2	8597.8	9615.4
65°	548.0	760.1	2151.7	3542.6	5815.3	8087.4	9178.4
67.5°	496.1	666.8	1897.6	3127.8	5257.9	7387.5	8622.7
70°	458.5	605.4	1570.0	2534.5	4560.2	6585.4	7979.1
72.5°	434.8	576.2	1279.9	1983.2	3700.6	5417.5	6825.1
75°	402.2	530.3	1004.3	1477.7	2832.2	4186.8	5155.2
77.5°	341.4	446.9	756.8	1066.7	2078.2	3089.1	3585.2
80°	263.5	345.3	520.4	695.5	1430.2	2164.9	2444.4
82.5°	187.8	240.9	315.4	390.0	950.2	1509.8	1533.0
85°	116.0	140.3	180.6	221.0	628.6	1036.3	863.4
87.5°	62.4	74.6	95.6	116.0	201.1	286.2	164.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P320228

CATALOG NUMBER: GAN-SA4A-727-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)