

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: P320229

Luminaire Tested: **GAN-SA5A-727-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320229
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-SA5A-727-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 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: 17118 lumens
Efficiency: N/A
Efficacy: 105.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G4

Input Watts (W): 162
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



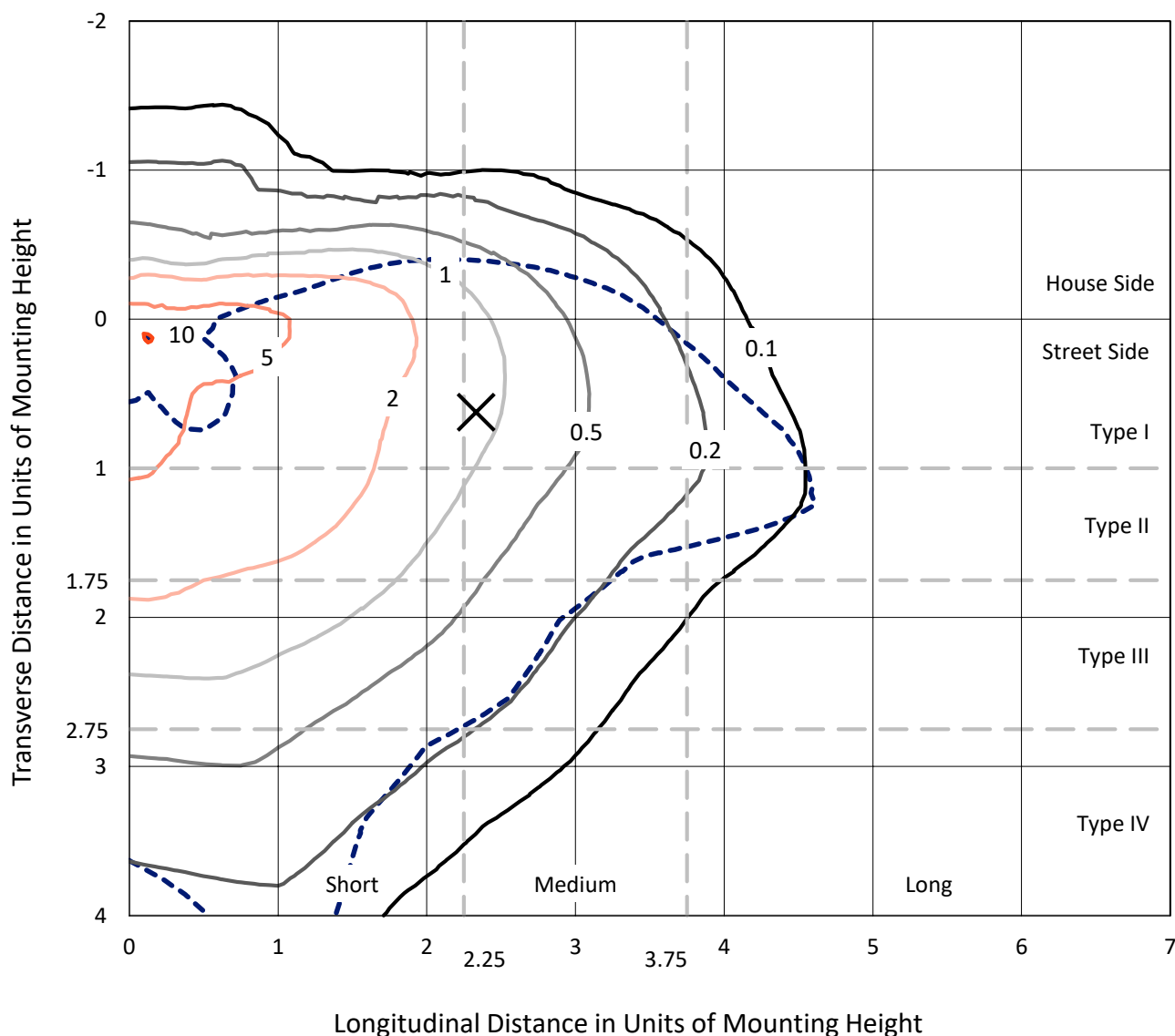
REPORT NUMBER: P320229

CATALOG NUMBER: GAN-SA5A-727-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

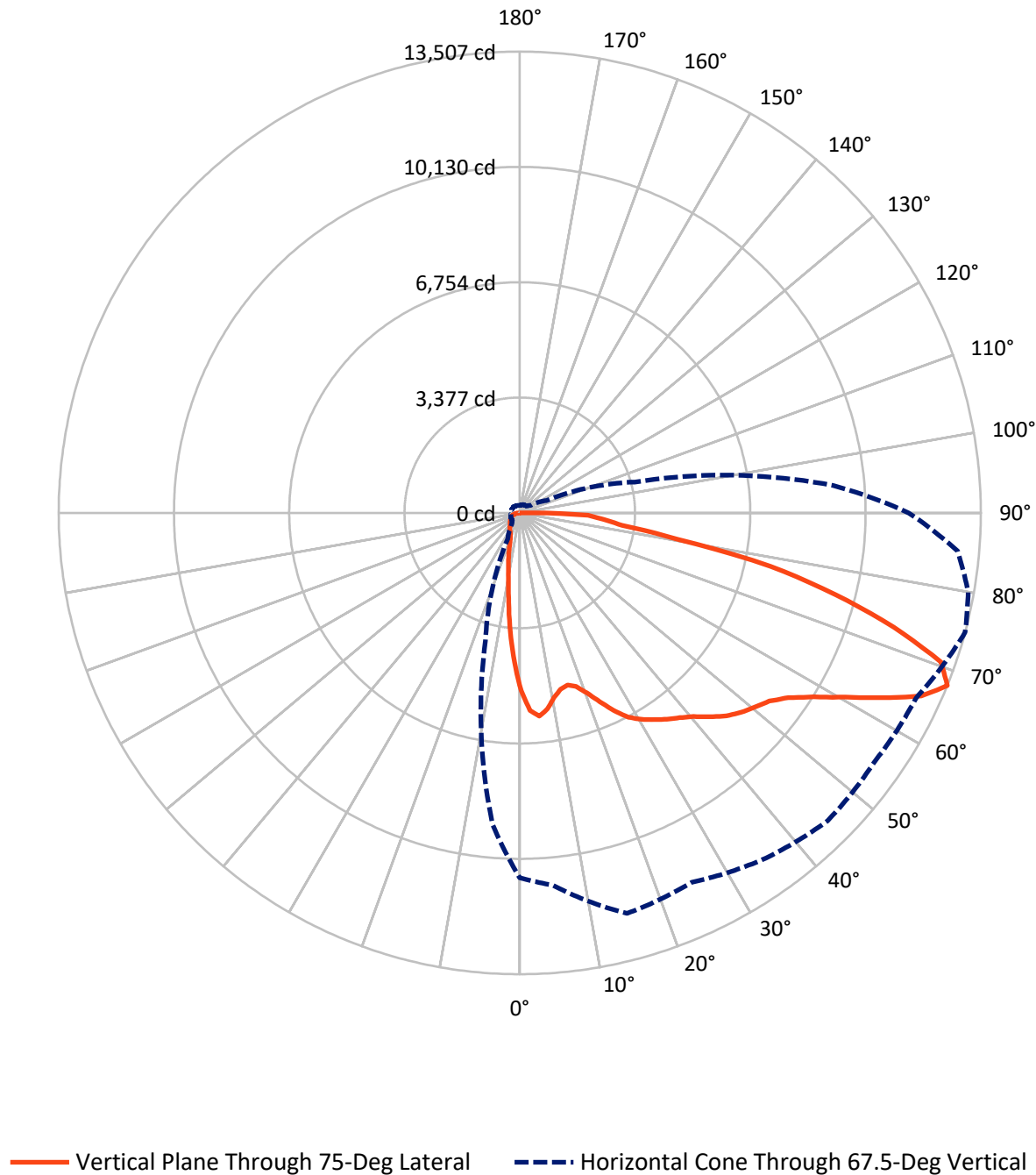
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.5 fc
 Type III - Medium - N/A

REPORT NUMBER: P320229
CATALOG NUMBER: GAN-SA5A-727-U-SLL

Luminous Intensity Polar Plot



REPORT NUMBER: P320229

CATALOG NUMBER: GAN-SA5A-727-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3014.9	0.0	3014.9
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	14103.1	0.0	14103.1
	% Fixture	82.4	0.0	82.4
Total	Lumens	17118.0	0.0	17118.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	402.5	2.4
10°-20°	836.1	4.9
20°-30°	1189.2	6.9
30°-40°	1713.6	10.0
40°-50°	2414.9	14.1
50°-60°	3357.1	19.6
60°-70°	4059.8	23.7
70°-80°	2495.5	14.6
80°-90°	649.4	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°	17118.0	100.0
0°-180°	17118.0	100.0

Coefficient of Utilization



REPORT NUMBER: P320229

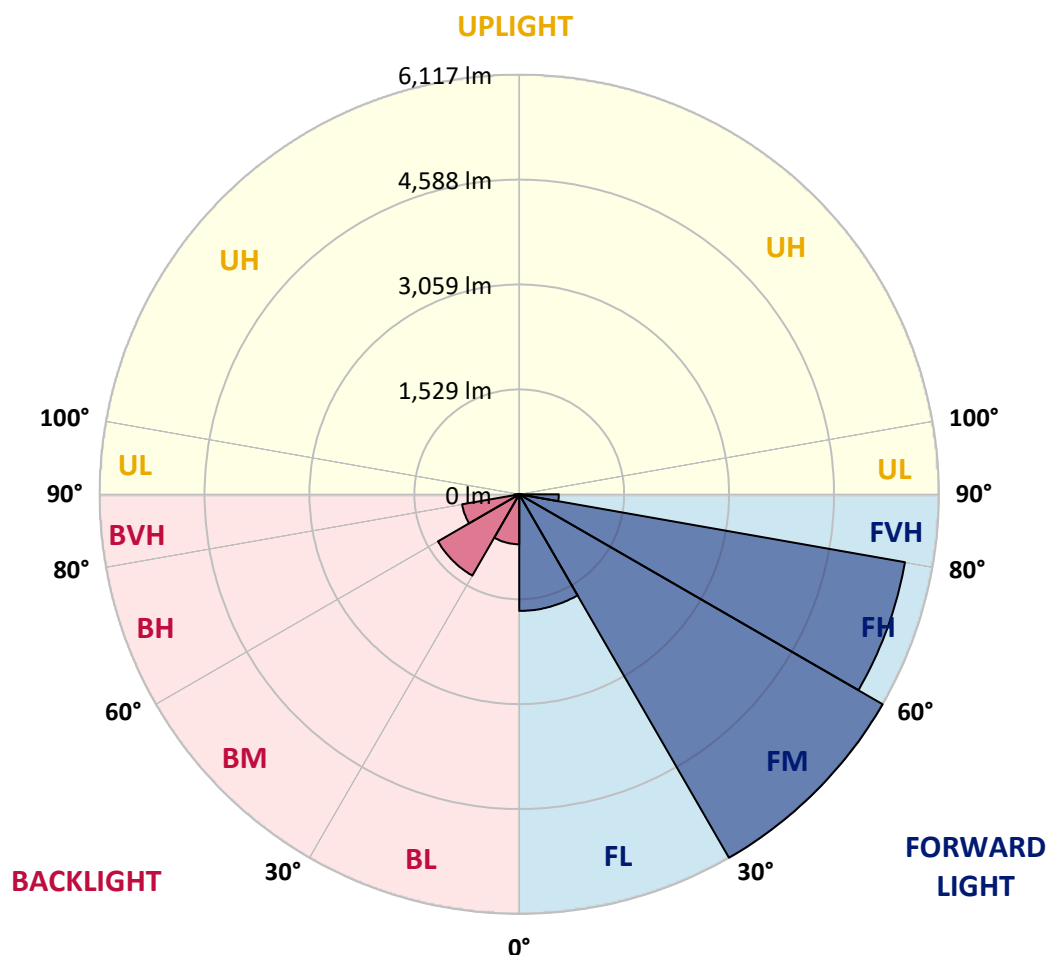
CATALOG NUMBER: GAN-SA5A-727-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1699.6	9.9			
FM	(30°-60°)	6117.1	35.7			
FH	(60°-80°)	5710.0	33.4			G3/7500
FVH	(80°-90°)	576.4	3.4			G4/750
BL	(0°-30°)	728.1	4.3	B2/1000		
BM	(30°-60°)	1368.5	8.0	B2/2500		
BH	(60°-80°)	845.3	4.9	B2/1000		G2/1000
BVH	(80°-90°)	73.0	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: P320229

CATALOG NUMBER: GAN-SA5A-727-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1
2.5°	5558.6	5631.9	5682.5	5732.5	5771.5	5809.8	5865.9	5922.1	5933.0	5943.3	5921.4
5°	5525.8	5704.4	5856.4	6007.6	6147.9	6288.2	6372.4	6456.6	6473.7	6490.8	6438.1
7.5°	5172.0	5435.5	5698.9	5962.4	6204.0	6445.6	6592.8	6739.2	6772.8	6805.6	6719.4
10°	4769.5	5076.1	5399.9	5723.6	6041.8	6360.1	6572.9	6785.8	6828.2	6870.6	6763.2
12.5°	4463.6	4798.3	5143.9	5489.5	5825.6	6160.9	6381.3	6601.7	6654.4	6707.1	6629.0
15°	4345.9	4712.7	5037.8	5362.9	5655.8	5948.1	6128.7	6308.7	6330.6	6351.9	6339.5
17.5°	4463.6	4868.1	5162.4	5456.0	5615.4	5774.2	5846.8	5918.6	5942.6	5965.9	5997.3
20°	4807.9	5244.5	5451.9	5658.6	5651.7	5644.2	5609.3	5573.7	5567.5	5561.4	5650.4
22.5°	5299.3	5806.4	5889.2	5971.3	5779.0	5586.7	5469.7	5352.0	5328.7	5304.7	5399.2
25°	5876.2	6416.2	6401.1	6385.4	6019.2	5652.4	5429.3	5206.2	5180.2	5154.2	5234.9
27.5°	6503.8	7019.8	6921.3	6822.7	6325.2	5827.6	5503.9	5180.2	5154.2	5128.2	5199.3
30°	6994.5	7462.6	7304.5	7146.4	6583.2	6019.9	5635.3	5250.7	5208.2	5165.1	5252.7
32.5°	7409.9	7808.2	7596.1	7383.9	6792.6	6201.3	5785.2	5369.1	5302.7	5236.3	5353.3
35°	7842.5	8153.2	7854.8	7555.7	6979.4	6402.5	5962.4	5521.7	5440.2	5358.8	5519.6
37.5°	8329.1	8587.1	8158.7	7729.5	7189.6	6649.6	6228.0	5805.7	5722.2	5638.7	5844.0
40°	8843.0	9057.9	8486.5	7915.0	7419.5	6924.0	6595.5	6266.3	6186.9	6106.8	6356.0
42.5°	9292.7	9449.4	8791.7	8134.0	7696.7	7258.7	7027.4	6795.3	6794.7	6793.3	7045.8
45°	9631.5	9767.7	9046.3	8324.3	7967.0	7609.1	7488.6	7368.2	7464.7	7561.2	7789.8
47.5°	9912.8	10005.1	9259.8	8513.9	8276.4	8038.9	8056.7	8074.5	8270.9	8467.3	8614.5
50°	10234.4	10159.8	9453.5	8746.5	8673.3	8600.1	8760.2	8919.7	9145.6	9370.7	9470.6
52.5°	10582.8	10385.0	9716.3	9047.0	9129.1	9211.3	9537.0	9862.8	10090.7	10318.6	10356.2
55°	11209.0	10905.8	10199.5	9492.5	9650.6	9808.0	10286.4	10764.1	10942.1	11120.0	11133.7
57.5°	11914.6	11645.6	10876.4	10107.1	10276.9	10446.6	10998.9	11550.5	11742.8	11934.5	11907.8
60°	12186.3	12199.3	11519.0	10838.1	11009.2	11180.3	11718.2	12256.1	12477.2	12697.6	12638.7
62.5°	11912.6	12233.5	11870.1	11506.0	11661.4	11816.1	12343.0	12870.0	13096.6	13323.1	13220.4
65°	11371.2	11689.4	11852.3	12015.2	12066.5	12117.9	12610.0	13101.3	13275.2	13448.3	13396.3
67.5°	10682.7	10940.0	11540.9	12141.1	12037.8	11934.5	12165.1	12395.7	12574.4	12753.0	12723.6
70°	9885.4	10192.0	10993.4	11794.8	11287.0	10778.5	10683.4	10588.3	10781.3	10973.6	10854.5
72.5°	8455.7	8918.3	9773.1	10627.3	9691.7	8756.1	8431.0	8106.0	8350.3	8594.6	8405.0
75°	6386.8	7000.7	7945.1	8888.9	7772.7	6656.4	6222.5	5788.6	5998.7	6208.8	6078.8
77.5°	4441.7	5211.7	6141.7	7071.8	5937.1	4801.7	4479.4	4156.3	4219.3	4281.6	4259.7
80°	3028.4	3534.9	4183.7	4831.8	4076.2	3320.7	3346.0	3370.6	3341.2	3311.1	3354.9
82.5°	1899.2	2255.8	2756.7	3257.0	2856.0	2454.9	2684.9	2914.8	2801.9	2688.3	2730.7
85°	1069.7	1287.3	1777.4	2266.7	2112.7	1958.0	2092.9	2227.0	2051.8	1876.6	1953.9
87.5°	203.9	339.5	983.5	1626.8	1476.9	1327.0	1153.2	979.4	747.4	515.3	752.8
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: P320229

CATALOG NUMBER: GAN-SA5A-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: P320229

CATALOG NUMBER: GAN-SA5A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1
2.5°	5899.5	5887.8	5876.2	5834.5	5792.0	5729.1	5677.0	5586.7	5537.4	5462.8	5388.2
5°	6384.7	6310.8	6236.9	6109.6	5981.6	5839.2	5675.7	5494.3	5357.4	5179.5	5001.5
7.5°	6633.1	6460.7	6287.5	6043.2	5798.2	5577.8	5319.1	5078.2	4872.9	4641.6	4410.2
10°	6655.7	6397.0	6137.6	5820.1	5501.8	5234.2	4936.5	4668.9	4422.6	4157.0	3890.8
12.5°	6550.3	6275.2	5999.4	5649.7	5299.3	4995.4	4675.1	4375.3	4102.3	3810.0	3517.1
15°	6327.2	6107.5	5887.2	5559.3	5231.5	4924.9	4614.2	4259.0	3950.3	3651.2	3351.5
17.5°	6028.1	5924.1	5819.4	5582.6	5345.1	5079.6	4778.4	4361.6	4000.3	3675.2	3350.1
20°	5738.6	5777.0	5814.6	5720.2	5625.7	5412.9	5150.1	4681.9	4220.7	3795.6	3370.0
22.5°	5492.9	5677.0	5860.5	5933.7	6006.2	5878.3	5672.9	5131.6	4521.1	3966.1	3411.0
25°	5315.0	5620.2	5925.5	6169.1	6412.1	6355.3	6197.2	5677.7	4919.4	4211.8	3503.4
27.5°	5270.5	5644.9	6019.2	6397.0	6774.1	6826.8	6783.0	6253.3	5394.4	4517.0	3638.9
30°	5340.3	5719.5	6097.9	6557.9	7017.1	7227.2	7286.1	6733.1	5937.1	4872.9	3808.0
32.5°	5470.4	5842.0	6213.6	6714.6	7214.9	7532.4	7720.0	7171.8	6315.6	5141.2	3966.1
35°	5680.5	6028.1	6375.8	6897.3	7418.8	7829.5	8171.7	7624.8	6651.6	5328.7	4005.1
37.5°	6048.7	6347.8	6646.8	7128.6	7609.8	8142.2	8656.2	8123.8	7015.0	5509.4	4003.0
40°	6605.1	6816.6	7027.4	7434.6	7841.1	8511.1	9205.1	8680.2	7416.8	5705.1	3993.4
42.5°	7298.4	7407.2	7515.3	7837.7	8160.0	8896.4	9703.3	9224.3	7800.0	5887.2	3974.3
45°	8017.7	8046.4	8075.2	8278.4	8481.0	9201.7	10042.8	9632.8	8134.7	6045.2	3955.1
47.5°	8760.9	8662.4	8563.8	8644.6	8725.3	9435.7	10285.1	9942.9	8470.7	6220.5	3969.5
50°	9570.6	9296.1	9021.7	8979.2	8936.8	9669.8	10570.5	10337.1	8874.5	6475.7	4076.9
52.5°	10393.2	9940.8	9488.4	9320.8	9152.4	9949.0	10948.9	10827.8	9450.8	6871.3	4291.1
55°	11147.4	10571.8	9996.3	9770.4	9544.6	10376.1	11410.9	11548.5	10189.3	7377.1	4564.2
57.5°	11880.4	11228.2	10575.9	10366.5	10157.1	11003.7	11996.1	12195.2	10935.2	7862.3	4788.7
60°	12579.8	11934.5	11288.4	11120.7	10952.4	11783.9	12628.4	12483.3	11319.9	8089.5	4858.5
62.5°	13117.8	12604.5	12091.2	12002.9	11913.9	12573.0	13114.3	12371.1	11075.5	7865.7	4655.9
65°	13344.3	13052.1	12759.1	12842.0	12924.1	13169.8	13235.5	12042.6	10307.7	7238.8	4170.0
67.5°	12693.4	12753.0	12812.5	13160.2	13507.2	13338.1	12875.5	11395.2	9214.7	6350.5	3486.3
70°	10734.7	11092.0	11448.5	12271.2	13093.1	12718.1	11911.2	10233.1	7899.3	5327.3	2754.7
72.5°	8214.8	8616.5	9017.6	10238.5	11458.8	11113.2	10124.9	8405.0	6333.4	4254.2	2174.3
75°	5948.1	6401.8	6854.9	8201.8	9548.7	9068.9	7573.5	6017.9	4810.6	3247.4	1683.6
77.5°	4237.1	4541.0	4844.8	6175.3	7505.1	6723.5	5041.2	4049.6	3329.6	2257.1	1184.0
80°	3398.7	3305.6	3212.5	3953.7	4694.9	4564.9	3334.4	2600.7	2304.4	1512.5	720.7
82.5°	2772.5	2545.3	2318.0	2667.1	3016.1	2997.0	2313.9	1908.1	1715.1	1051.2	387.4
85°	2030.6	1939.6	1848.5	2157.2	2465.9	2202.4	1567.3	1212.7	1337.3	774.0	210.8
87.5°	990.3	1131.3	1271.6	1635.7	1999.1	1500.9	475.7	235.4	325.8	214.2	102.0
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: P320229

CATALOG NUMBER: GAN-SA5A-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: P320229

CATALOG NUMBER: GAN-SA5A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1
2.5°	5332.8	5276.7	5213.0	5149.4	5076.8	5003.6	4960.5	4916.7	4869.5	4822.2	4768.9
5°	4883.8	4766.1	4632.7	4499.2	4367.1	4235.0	4163.9	4092.7	4017.4	3941.4	3875.7
7.5°	4239.1	4067.4	3882.6	3697.1	3532.8	3367.9	3265.9	3163.3	3070.2	2976.4	2897.7
10°	3671.8	3452.8	3267.3	3081.1	2957.3	2833.4	2739.6	2645.9	2555.5	2464.5	2377.6
12.5°	3298.1	3079.1	2961.4	2843.7	2741.0	2638.3	2530.2	2421.4	2297.5	2172.9	2081.9
15°	3152.3	2953.2	2822.4	2691.0	2553.5	2415.2	2282.5	2149.7	2003.2	1856.8	1753.4
17.5°	3089.4	2828.6	2645.9	2462.4	2281.1	2099.7	1945.7	1791.7	1631.6	1471.4	1366.7
20°	3023.0	2676.0	2431.0	2185.3	1952.6	1719.9	1545.4	1370.8	1227.8	1084.8	1004.7
22.5°	2962.7	2513.8	2206.5	1898.5	1623.4	1348.3	1177.2	1005.4	917.8	830.2	798.0
25°	2938.1	2372.1	1994.3	1616.5	1326.4	1035.5	913.7	791.8	758.3	724.1	707.7
27.5°	2942.2	2245.5	1815.7	1385.2	1123.8	862.3	778.8	695.3	674.8	653.6	643.3
30°	2957.9	2107.9	1647.3	1186.7	971.2	755.6	701.5	646.8	624.9	603.0	589.9
32.5°	2975.7	1984.7	1517.3	1049.2	873.3	696.7	652.2	607.1	585.8	564.6	551.6
35°	2944.9	1884.1	1428.3	972.5	810.3	647.4	609.8	571.5	548.2	524.9	512.6
37.5°	2892.9	1782.8	1359.2	934.9	769.3	603.0	575.6	547.5	523.6	498.9	487.3
40°	2845.7	1697.3	1307.9	917.8	746.7	574.9	551.6	528.4	503.7	478.4	464.7
42.5°	2807.4	1639.8	1257.2	874.7	726.1	576.9	544.1	510.6	486.6	462.7	447.6
45°	2778.6	1602.2	1217.5	832.9	707.0	581.1	539.3	497.6	473.6	449.0	431.2
47.5°	2775.9	1582.3	1189.5	796.6	670.7	544.1	527.0	509.9	475.0	439.4	418.8
50°	2813.5	1550.2	1156.6	762.4	635.8	509.2	532.5	555.0	495.5	435.3	409.3
52.5°	2892.2	1493.3	1104.6	715.9	593.4	470.2	506.5	542.0	490.7	438.7	405.2
55°	2987.4	1409.9	1025.9	641.3	537.2	432.5	464.7	496.2	464.0	431.2	390.8
57.5°	3046.9	1304.5	926.7	548.9	474.3	399.7	418.2	436.0	423.0	410.0	368.9
60°	3011.3	1164.2	815.1	465.4	418.8	372.3	368.9	364.8	383.9	403.1	355.9
62.5°	2837.5	1019.1	716.6	414.1	379.2	343.6	336.0	327.8	359.3	390.1	340.1
65°	2543.9	917.8	654.3	390.8	351.8	312.8	304.6	296.3	305.9	315.5	292.2
67.5°	2170.9	855.5	618.7	381.9	334.7	286.8	277.2	267.6	265.5	263.5	255.3
70°	1786.3	817.2	595.4	373.7	316.2	258.0	249.1	240.2	237.5	234.1	227.9
72.5°	1493.3	812.4	592.7	373.0	301.1	229.3	221.1	212.8	209.4	205.3	200.5
75°	1223.0	762.4	562.6	362.7	280.6	197.8	190.3	182.7	180.0	176.6	172.5
77.5°	907.5	631.0	472.9	314.8	240.2	165.6	158.1	149.9	149.2	147.8	144.4
80°	588.6	456.5	338.1	219.7	175.2	130.0	123.9	117.0	117.7	118.4	115.7
82.5°	327.1	266.2	206.7	147.1	119.8	92.4	89.7	86.2	88.3	89.7	86.2
85°	172.5	134.1	110.9	87.6	69.1	50.6	50.6	50.0	52.7	55.4	52.7
87.5°	74.6	47.2	40.4	32.9	18.5	3.4	4.1	4.1	5.5	6.8	6.2
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: P320229
 CATALOG NUMBER: GAN-SA5A-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: P320229

CATALOG NUMBER: GAN-SA5A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1
2.5°	4714.8	4664.8	4614.2	4558.7	4569.0	4526.6	4484.1	4457.5	4430.8	4422.6	4414.3
5°	3810.0	3753.2	3695.7	3644.4	3688.9	3658.8	3628.7	3624.5	3619.8	3619.8	3619.1
7.5°	2819.0	2758.1	2696.5	2654.1	2697.9	2692.4	2686.9	2716.4	2745.8	2769.7	2793.0
10°	2290.7	2216.8	2142.2	2079.2	2068.2	2036.8	2004.6	2011.4	2017.6	2043.6	2069.6
12.5°	1990.9	1902.6	1814.3	1740.4	1706.9	1654.9	1602.2	1569.3	1536.5	1539.9	1542.6
15°	1649.4	1563.8	1477.6	1414.0	1392.7	1352.4	1312.0	1270.9	1229.2	1212.1	1194.3
17.5°	1261.3	1192.9	1123.8	1081.3	1081.3	1069.7	1058.1	1037.5	1016.3	999.2	981.4
20°	924.6	888.3	851.4	833.6	839.1	839.8	839.8	850.0	860.3	854.8	849.3
22.5°	765.2	752.1	739.1	731.6	734.4	735.0	735.7	745.3	754.2	761.0	767.2
25°	690.6	682.3	674.1	671.4	677.5	678.2	678.2	684.4	690.6	697.4	704.2
27.5°	632.4	629.0	625.5	620.7	626.9	626.9	626.2	633.1	639.2	645.4	650.9
30°	576.9	578.3	579.0	577.6	581.7	584.5	586.5	591.3	595.4	600.2	605.0
32.5°	537.9	535.9	533.8	532.5	541.4	546.1	550.9	555.7	559.8	561.9	563.9
35°	500.3	495.5	490.7	487.3	495.5	501.7	507.8	516.7	524.9	526.3	527.7
37.5°	475.0	468.8	462.7	458.5	462.0	464.7	467.4	477.0	486.6	492.1	496.9
40°	451.0	444.9	438.7	435.3	437.3	438.0	438.7	443.5	447.6	457.9	467.4
42.5°	431.9	424.3	416.8	412.7	414.1	415.4	416.1	415.4	414.7	424.3	433.9
45°	412.7	404.5	396.3	391.5	392.2	392.2	392.2	390.8	388.7	393.5	398.3
47.5°	397.6	388.1	378.5	373.7	372.3	370.9	369.6	368.9	367.5	370.9	373.7
50°	382.6	372.3	361.4	355.9	352.5	351.1	349.7	349.0	347.7	351.1	353.8
52.5°	370.9	358.6	346.3	337.4	334.0	331.9	329.9	330.6	330.6	331.9	332.6
55°	350.4	339.5	327.8	321.7	315.5	314.1	312.8	314.8	316.2	316.2	316.2
57.5°	327.8	317.6	306.6	302.5	297.0	297.0	296.3	299.1	301.1	302.5	303.9
60°	308.0	296.3	284.7	281.3	279.2	278.5	277.9	281.3	284.0	286.8	289.5
62.5°	289.5	277.2	264.9	260.8	260.1	260.8	260.8	264.2	266.9	269.7	272.4
65°	269.0	256.6	243.6	239.5	240.9	243.0	245.0	247.8	249.8	252.5	255.3
67.5°	246.4	236.1	225.2	221.1	221.7	224.5	227.2	229.3	230.6	233.4	236.1
70°	221.7	212.8	203.9	201.2	200.5	203.9	206.7	208.1	209.4	212.8	215.6
72.5°	195.1	187.5	180.0	177.9	178.6	180.7	182.7	184.8	186.2	189.6	192.3
75°	167.7	160.8	154.0	152.6	154.0	156.0	158.1	159.5	160.8	164.9	168.4
77.5°	141.0	133.5	125.2	124.6	126.6	128.7	130.0	132.1	134.1	139.6	145.1
80°	112.9	104.7	95.8	95.1	97.2	99.2	101.3	103.3	105.4	112.2	118.4
82.5°	82.8	73.2	63.6	62.3	69.1	71.2	73.2	76.7	79.4	85.5	91.7
85°	50.0	40.4	30.8	30.1	36.3	39.7	43.1	47.2	50.6	56.1	61.6
87.5°	5.5	2.7	0.0	0.0	0.7	3.4	6.2	9.6	13.0	18.5	23.3
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: P320229
 CATALOG NUMBER: GAN-SA5A-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: P320229

CATALOG NUMBER: GAN-SA5A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1
2.5°	4384.2	4353.4	4384.9	4415.7	4428.7	4441.7	4408.2	4374.0	4427.3	4480.0	4493.7
5°	3591.7	3563.6	3584.9	3605.4	3559.5	3513.7	3508.9	3503.4	3543.1	3582.8	3589.0
7.5°	2784.1	2775.2	2795.1	2814.9	2756.7	2697.9	2669.1	2640.4	2650.0	2659.6	2658.2
10°	2075.8	2081.2	2105.9	2129.8	2084.7	2039.5	2019.6	1999.8	2021.7	2042.9	2062.8
12.5°	1554.9	1566.6	1592.6	1617.9	1599.4	1580.3	1582.3	1584.4	1609.7	1634.3	1656.2
15°	1208.0	1221.6	1240.1	1257.9	1258.6	1258.6	1276.4	1293.5	1291.5	1289.4	1304.5
17.5°	999.9	1017.7	1019.7	1021.8	1022.5	1023.2	1021.8	1020.4	1010.2	999.9	1011.5
20°	856.2	862.3	867.8	872.6	866.4	859.6	842.5	825.4	818.5	811.7	822.6
22.5°	778.8	789.8	784.3	778.2	765.8	752.8	739.8	726.1	725.5	724.1	730.2
25°	713.8	722.7	713.1	703.6	694.7	685.8	676.9	668.0	667.3	666.6	669.3
27.5°	659.8	668.0	659.1	650.2	642.6	635.1	628.3	621.4	620.1	618.7	619.4
30°	613.2	620.7	613.2	605.0	599.5	593.4	588.6	583.8	583.1	582.4	582.4
32.5°	571.5	579.0	573.5	568.0	563.3	558.5	555.0	551.6	548.2	544.8	537.2
35°	535.2	542.7	539.3	535.2	529.7	524.2	518.1	511.2	502.3	492.8	488.7
37.5°	504.4	511.9	508.5	505.1	497.6	490.0	479.1	467.4	464.7	461.3	460.6
40°	479.8	491.4	484.6	477.0	465.4	453.8	448.3	442.8	441.4	440.1	438.7
42.5°	452.4	470.2	457.9	445.5	434.6	423.6	422.3	420.9	420.2	419.5	419.5
45°	418.2	437.3	425.0	412.0	405.8	399.7	399.7	399.7	400.4	400.4	401.7
47.5°	386.0	397.6	391.5	385.3	381.9	378.5	379.2	379.8	381.9	383.3	386.7
50°	358.6	362.7	364.1	364.8	362.7	360.7	362.0	362.7	364.8	366.2	368.9
52.5°	338.8	344.9	344.9	344.2	344.2	344.2	345.6	347.0	349.0	351.1	353.8
55°	325.8	334.7	331.9	329.2	329.9	329.9	331.2	332.6	334.7	336.0	340.1
57.5°	313.5	323.0	320.3	317.6	317.6	317.6	318.2	318.9	321.0	322.3	325.1
60°	299.1	308.7	305.9	302.5	303.2	303.9	304.6	304.6	305.9	306.6	306.6
62.5°	282.0	291.6	288.8	285.4	287.4	288.8	288.8	288.8	290.2	290.9	288.8
65°	264.2	273.1	270.3	267.6	270.3	272.4	273.8	274.4	273.8	273.1	271.0
67.5°	245.0	253.9	251.2	247.8	251.2	253.9	256.6	258.7	256.6	254.6	251.9
70°	224.5	233.4	230.0	226.5	230.0	233.4	236.1	238.9	236.1	233.4	232.7
72.5°	202.6	212.8	208.7	204.6	208.7	212.8	214.2	215.6	213.5	211.5	210.1
75°	178.6	188.9	185.5	181.4	184.8	188.2	188.9	189.6	189.6	188.9	184.8
77.5°	153.3	161.5	159.5	157.4	159.5	161.5	161.5	161.5	162.2	162.2	156.7
80°	123.2	128.0	128.7	129.4	130.0	130.7	130.0	129.4	128.0	126.6	123.2
82.5°	91.7	91.7	97.2	102.0	102.0	101.3	100.6	99.2	96.5	93.1	85.5
85°	58.2	54.8	63.6	71.9	71.9	71.2	69.8	67.8	62.3	56.1	50.0
87.5°	19.8	16.4	25.3	34.2	34.9	34.9	33.5	32.2	26.7	20.5	15.7
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: P320229
 CATALOG NUMBER: GAN-SA5A-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: P320229

CATALOG NUMBER: GAN-SA5A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1
2.5°	4514.3	4523.2	4531.4	4598.4	4664.8	4742.8	4820.9	4880.4	4939.3	5000.2	5061.1
5°	3610.2	3621.1	3632.1	3713.5	3794.3	3903.1	4011.9	4105.7	4199.4	4309.6	4419.8
7.5°	2676.0	2699.9	2723.2	2810.1	2896.4	3013.4	3129.7	3252.2	3374.1	3517.8	3661.5
10°	2101.8	2146.9	2191.4	2280.4	2369.4	2485.0	2600.0	2728.0	2856.0	2997.6	3138.6
12.5°	1701.4	1761.6	1821.2	1927.9	2034.7	2172.9	2310.5	2452.9	2594.5	2719.1	2843.7
15°	1344.1	1409.9	1474.9	1587.8	1700.7	1852.7	2003.9	2159.3	2313.9	2463.1	2612.3
17.5°	1048.5	1102.6	1155.9	1251.8	1346.9	1494.0	1641.2	1804.1	1966.9	2149.0	2330.4
20°	845.9	868.5	891.1	960.2	1028.6	1148.4	1267.5	1433.8	1600.1	1817.7	2035.4
22.5°	741.2	752.8	763.8	797.3	830.2	907.5	984.2	1131.3	1277.8	1515.2	1752.0
25°	678.2	687.1	696.0	717.9	739.8	776.8	813.7	917.1	1020.4	1253.8	1486.5
27.5°	621.4	635.1	648.1	658.4	668.0	693.3	717.9	785.7	853.4	1071.1	1288.0
30°	580.4	585.2	589.9	605.7	620.7	646.8	672.8	720.0	767.2	951.3	1134.7
32.5°	532.5	539.3	546.1	562.6	579.0	603.0	626.9	665.2	702.9	860.3	1017.0
35°	489.3	496.2	503.0	519.5	535.2	561.2	586.5	618.7	650.2	787.1	923.9
37.5°	462.7	469.5	476.3	490.7	504.4	530.4	555.7	581.1	605.7	732.3	858.9
40°	440.1	446.9	453.8	467.4	480.4	505.8	530.4	551.6	572.8	691.2	809.6
42.5°	420.2	427.7	435.3	449.0	462.0	484.6	507.1	535.2	562.6	655.6	748.0
45°	403.8	411.3	418.2	433.2	448.3	470.2	492.1	531.1	570.1	637.2	704.2
47.5°	388.7	396.9	404.5	420.9	437.3	464.7	491.4	524.2	556.4	622.8	689.2
50°	374.4	383.9	393.5	413.4	432.5	478.4	523.6	528.4	532.5	611.2	689.2
52.5°	360.7	371.6	382.6	407.2	431.2	484.6	537.9	520.8	503.0	589.3	675.5
55°	347.0	356.6	365.5	395.6	425.7	464.7	503.7	481.1	457.9	548.2	638.5
57.5°	328.5	338.8	348.4	380.5	412.7	440.1	466.8	446.2	425.0	501.7	577.6
60°	309.3	321.0	332.6	373.7	414.1	409.3	403.8	399.7	394.9	449.6	504.4
62.5°	292.2	304.6	316.9	370.3	423.6	390.8	357.9	361.4	364.1	404.5	444.9
65°	275.1	287.4	299.1	325.8	352.5	339.5	326.5	331.9	336.7	376.4	416.1
67.5°	256.0	266.9	277.2	286.1	295.0	296.3	297.7	303.2	308.7	355.9	402.4
70°	234.7	243.6	252.5	258.7	264.2	266.9	269.0	275.8	282.7	334.0	385.3
72.5°	210.8	218.3	225.2	230.6	236.1	238.2	239.5	246.4	253.2	308.0	362.7
75°	184.8	190.9	196.4	201.2	206.0	208.7	211.5	216.3	221.1	280.6	339.5
77.5°	156.0	162.2	167.7	171.8	175.2	177.9	180.0	186.2	192.3	242.3	291.6
80°	121.8	129.4	136.2	139.6	142.4	143.0	143.0	148.5	154.0	189.6	224.5
82.5°	86.2	94.4	102.0	104.7	107.4	107.4	107.4	113.6	119.8	143.7	167.0
85°	50.6	59.5	67.8	70.5	73.2	74.6	75.3	78.0	80.1	97.2	113.6
87.5°	15.7	23.3	30.1	31.5	32.9	35.6	38.3	39.0	39.0	50.6	62.3
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: P320229
 CATALOG NUMBER: GAN-SA5A-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: P320229

CATALOG NUMBER: GAN-SA5A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1
2.5°	5130.9	5200.7	5282.1	5362.9	5432.0	5501.2	5558.6
5°	4560.1	4700.4	4872.2	5043.3	5195.9	5348.5	5525.8
7.5°	3842.9	4024.2	4246.7	4469.1	4684.7	4899.6	5172.0
10°	3323.4	3507.5	3742.9	3977.7	4220.0	4461.6	4769.5
12.5°	2993.5	3142.7	3370.6	3598.5	3883.2	4167.3	4463.6
15°	2775.9	2938.8	3160.5	3382.3	3693.7	4005.1	4345.9
17.5°	2543.9	2756.7	3040.8	3324.8	3693.7	4061.9	4463.6
20°	2300.9	2565.8	2934.0	3302.2	3799.1	4295.3	4807.9
22.5°	2058.7	2365.3	2837.5	3309.0	3958.5	4607.3	5299.3
25°	1840.3	2194.2	2778.6	3362.4	4190.5	5018.0	5876.2
27.5°	1674.7	2060.7	2754.7	3448.0	4484.8	5521.7	6503.8
30°	1527.6	1920.4	2725.9	3531.5	4768.2	6004.2	6994.5
32.5°	1400.3	1783.5	2670.5	3556.8	4966.0	6375.1	7409.9
35°	1300.3	1676.8	2577.4	3478.1	5089.8	6701.6	7842.5
37.5°	1214.1	1569.3	2471.3	3373.4	5200.0	7026.7	8329.1
40°	1132.0	1454.3	2380.3	3305.6	5352.0	7398.3	8843.0
42.5°	1054.0	1359.9	2307.1	3254.3	5492.9	7730.9	9292.7
45°	995.8	1287.3	2242.1	3196.1	5584.0	7971.8	9631.5
47.5°	967.0	1244.2	2207.2	3169.4	5675.0	8179.9	9912.8
50°	962.9	1236.7	2246.9	3257.0	5872.1	8486.5	10234.4
52.5°	962.3	1249.0	2361.2	3473.3	6238.2	9002.5	10582.8
55°	947.9	1256.5	2497.4	3737.5	6729.6	9721.1	11209.0
57.5°	904.1	1230.5	2637.7	4044.1	7249.1	10453.4	11914.6
60°	836.3	1167.6	2753.3	4338.4	7598.1	10857.2	12186.3
62.5°	751.5	1057.4	2791.6	4525.2	7588.6	10651.9	11912.6
65°	678.9	941.7	2665.7	4389.0	7204.6	10019.5	11371.2
67.5°	614.6	826.1	2350.9	3875.0	6514.1	9152.4	10682.7
70°	568.0	750.1	1945.0	3140.0	5649.7	8158.7	9885.4
72.5°	538.6	713.8	1585.7	2457.0	4584.8	6711.8	8455.7
75°	498.2	657.0	1244.2	1830.8	3508.9	5187.0	6386.8
77.5°	423.0	553.7	937.6	1321.6	2574.7	3827.1	4441.7
80°	326.5	427.7	644.7	861.7	1771.9	2682.1	3028.4
82.5°	232.7	298.4	390.8	483.2	1177.2	1870.4	1899.2
85°	143.7	173.8	223.8	273.8	778.8	1283.9	1069.7
87.5°	77.3	92.4	118.4	143.7	249.1	354.5	203.9
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: P320229

CATALOG NUMBER: GAN-SA5A-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)