

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: P320441

Luminaire Tested: **GAN-SA7B-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320441
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-SA7B-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 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: 26113 lumens
Efficiency: N/A
Efficacy: 88.5 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

Input Watts (W): 295
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

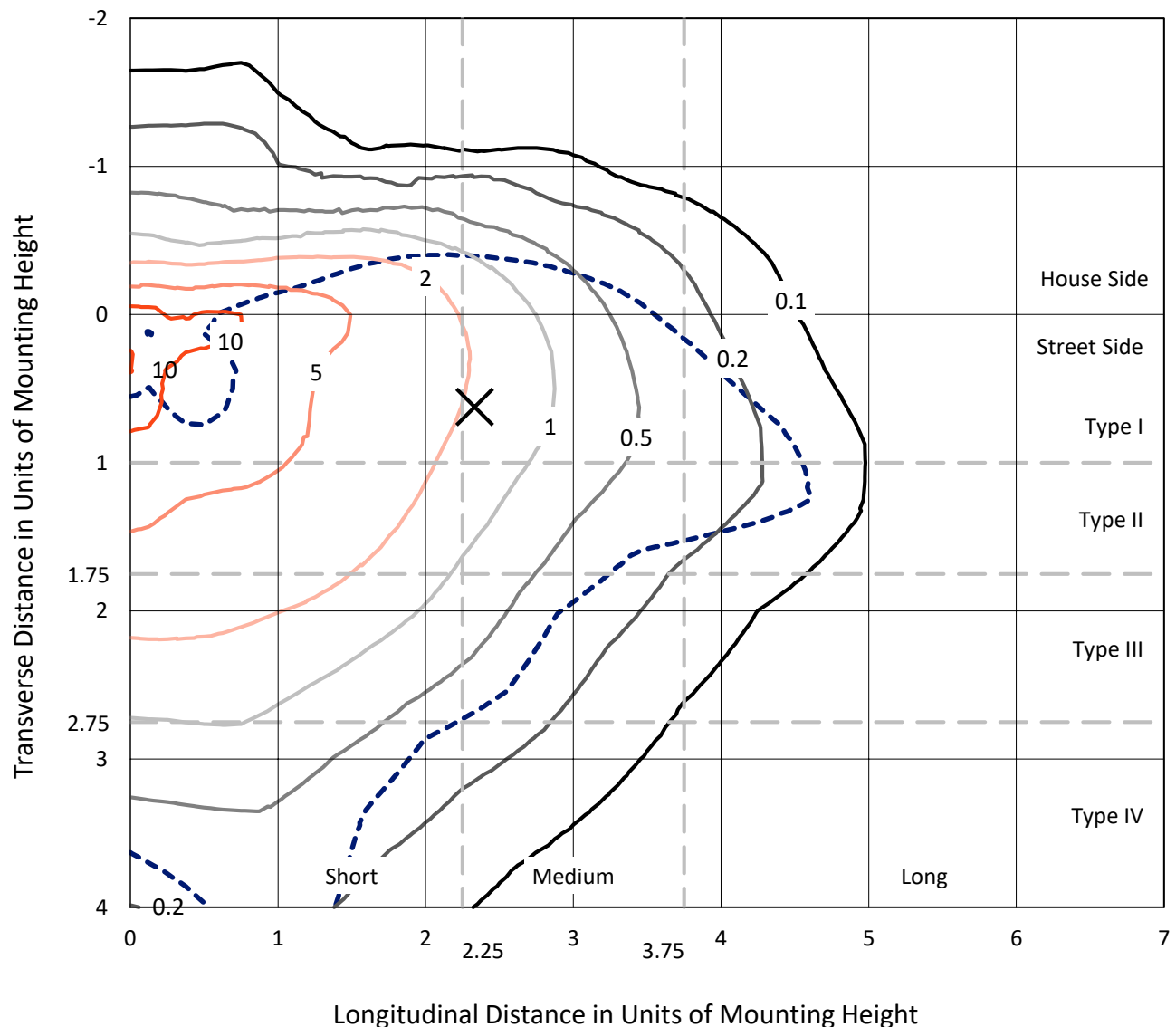


REPORT NUMBER: P320441

CATALOG NUMBER: GAN-SA7B-827-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

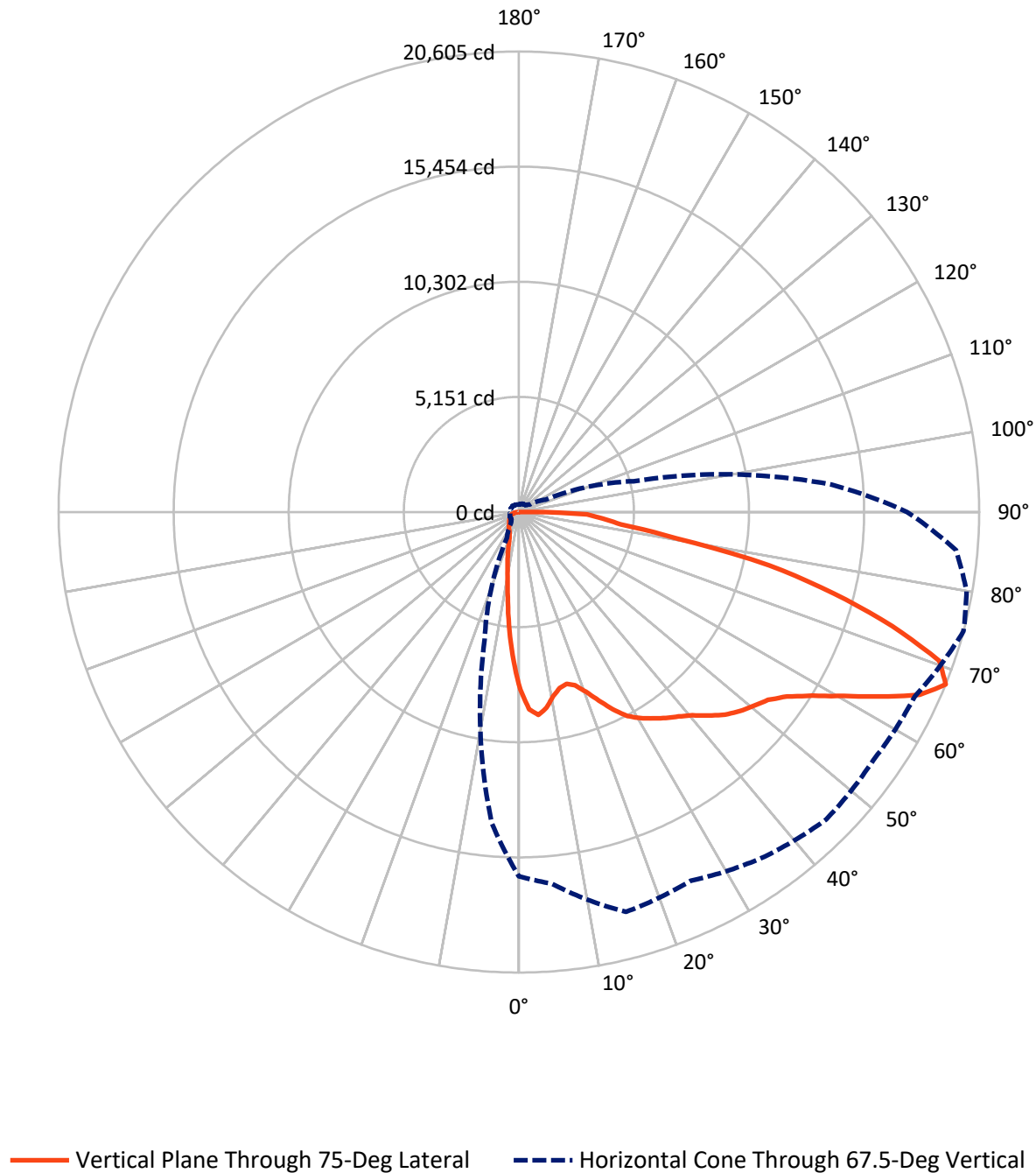
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16 fc
 Type III - Medium - N/A

REPORT NUMBER: P320441
CATALOG NUMBER: GAN-SA7B-827-U-SLL

Luminous Intensity Polar Plot



REPORT NUMBER: P320441

CATALOG NUMBER: GAN-SA7B-827-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4599.1	0.0	4599.1
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	21513.9	0.0	21513.9
	% Fixture	82.4	0.0	82.4
Total	Lumens	26113.0	0.0	26113.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	614.0	2.4
10°-20°	1275.5	4.9
20°-30°	1814.0	6.9
30°-40°	2614.0	10.0
40°-50°	3683.9	14.1
50°-60°	5121.2	19.6
60°-70°	6193.1	23.7
70°-80°	3806.8	14.6
80°-90°	990.6	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°	26113.0	100.0
0°-180°	26113.0	100.0

Coefficient of Utilization



REPORT NUMBER: P320441

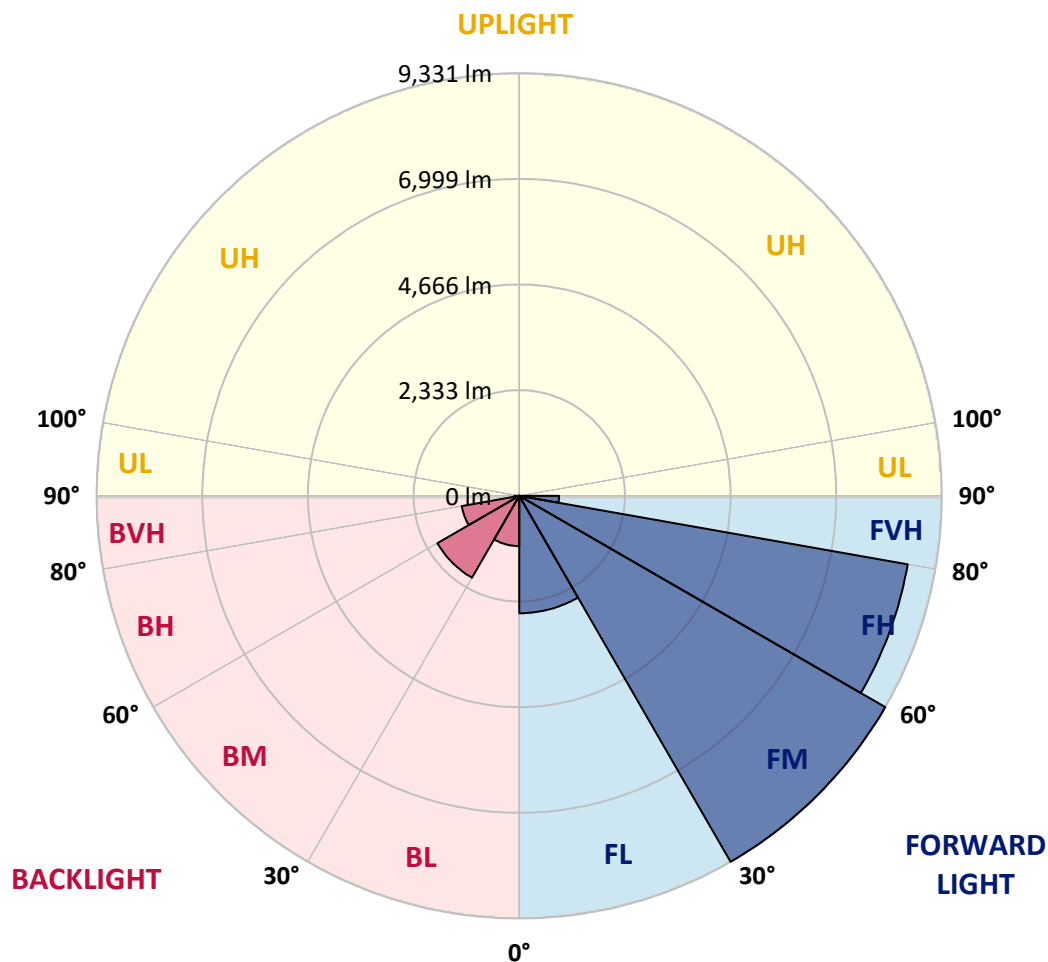
CATALOG NUMBER: GAN-SA7B-827-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2592.8	9.9			
FM	(30°-60°)	9331.4	35.7			
FH	(60°-80°)	8710.4	33.4			G4/12000
FVH	(80°-90°)	879.3	3.4			G5
BL	(0°-30°)	1110.7	4.3	B3/2500		
BM	(30°-60°)	2087.7	8.0	B2/2500		
BH	(60°-80°)	1289.4	4.9	B3/2500		G3/2500
BVH	(80°-90°)	111.3	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type III Medium



REPORT NUMBER: P320441

CATALOG NUMBER: GAN-SA7B-827-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4
2.5°	8479.5	8591.3	8668.5	8744.7	8804.2	8862.7	8948.3	9033.9	9050.6	9066.3	9032.9
5°	8429.4	8701.9	8933.7	9164.4	9378.4	9592.5	9720.9	9849.3	9875.4	9901.5	9821.1
7.5°	7889.7	8291.6	8693.6	9095.5	9464.1	9832.6	10057.1	10280.5	10331.6	10381.8	10250.2
10°	7275.8	7743.5	8237.3	8731.2	9216.6	9702.1	10026.8	10351.5	10416.2	10480.9	10317.0
12.5°	6809.1	7319.6	7846.9	8374.1	8886.7	9398.3	9734.5	10070.6	10151.0	10231.4	10112.4
15°	6629.5	7189.1	7685.0	8181.0	8627.8	9073.6	9349.2	9623.8	9657.2	9689.6	9670.8
17.5°	6809.1	7426.1	7875.1	8322.9	8566.2	8808.4	8919.1	9028.7	9065.2	9100.7	9148.8
20°	7334.3	8000.3	8316.7	8632.0	8621.5	8610.0	8556.8	8502.5	8493.1	8483.7	8619.4
22.5°	8083.9	8857.5	8983.8	9109.1	8815.7	8522.4	8343.8	8164.3	8128.8	8092.2	8236.3
25°	8964.0	9787.7	9764.7	9740.7	9182.2	8622.6	8282.2	7941.9	7902.2	7862.5	7985.7
27.5°	9921.3	10708.5	10558.2	10407.9	9648.9	8889.8	8396.0	7902.2	7862.5	7822.9	7931.4
30°	10669.9	11384.0	11142.8	10901.7	10042.4	9183.2	8596.5	8009.7	7945.0	7879.2	8012.9
32.5°	11303.6	11911.2	11587.6	11264.0	10361.9	9459.9	8825.1	8190.4	8089.1	7987.8	8166.3
35°	11963.4	12437.4	11982.2	11526.0	10646.9	9766.8	9095.5	8423.2	8298.9	8174.7	8420.0
37.5°	12705.7	13099.3	12445.8	11791.2	10967.5	10143.7	9500.6	8856.4	8729.1	8601.7	8914.9
40°	13489.8	13817.6	12945.9	12074.1	11318.2	10562.4	10061.2	9559.1	9438.0	9315.8	9695.8
42.5°	14175.7	14414.8	13411.5	12408.2	11741.1	11072.9	10720.0	10366.1	10365.1	10363.0	10748.2
45°	14692.5	14900.3	13799.9	12698.4	12153.5	11607.4	11423.7	11239.9	11387.1	11534.4	11883.1
47.5°	15121.6	15262.6	14125.6	12987.6	12625.4	12263.1	12290.2	12317.4	12617.0	12916.6	13141.1
50°	15612.3	15498.5	14421.1	13342.6	13230.9	13119.2	13363.5	13606.7	13951.3	14294.7	14447.2
52.5°	16143.7	15842.0	14822.0	13800.9	13926.2	14051.5	14548.4	15045.4	15393.1	15740.7	15798.1
55°	17099.0	16636.5	15559.1	14480.6	14721.8	14961.9	15691.7	16420.4	16691.8	16963.3	16984.2
57.5°	18175.4	17765.1	16591.6	15418.1	15677.0	15936.0	16778.5	17620.0	17913.3	18205.7	18164.9
60°	18589.9	18609.7	17571.9	16533.1	16794.1	17055.1	17875.7	18696.3	19033.6	19369.7	19280.0
62.5°	18172.2	18661.9	18107.5	17552.1	17789.1	18025.0	18828.9	19632.8	19978.4	20324.0	20167.4
65°	17346.4	17831.9	18080.4	18328.9	18407.2	18485.5	19236.1	19985.7	20250.9	20515.0	20435.7
67.5°	16296.1	16688.7	17605.3	18521.0	18363.3	18205.7	18557.5	18909.3	19181.8	19454.3	19409.4
70°	15079.9	15547.6	16770.1	17992.7	17218.0	16442.3	16297.2	16152.1	16446.5	16739.8	16558.2
72.5°	12898.9	13604.7	14908.6	16211.6	14784.4	13357.2	12861.3	12365.4	12738.1	13110.8	12821.6
75°	9742.8	10679.3	12120.1	13559.8	11857.0	10154.2	9492.2	8830.3	9150.9	9471.4	9273.0
77.5°	6775.7	7950.2	9369.1	10787.9	9056.9	7324.9	6833.1	6340.3	6436.4	6531.4	6498.0
80°	4619.8	5392.4	6382.1	7370.8	6218.2	5065.6	5104.2	5141.8	5096.9	5051.0	5117.8
82.5°	2897.2	3441.1	4205.3	4968.5	4356.7	3744.9	4095.7	4446.5	4274.2	4100.9	4165.6
85°	1631.8	1963.8	2711.3	3457.8	3222.9	2986.9	3192.6	3397.2	3130.0	2862.7	2980.7
87.5°	311.1	517.8	1500.3	2481.6	2253.0	2024.4	1759.2	1494.0	1140.1	786.1	1148.4
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: P320441
 CATALOG NUMBER: GAN-SA7B-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: P320441

CATALOG NUMBER: GAN-SA7B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4
2.5°	8999.5	8981.7	8964.0	8900.3	8835.6	8739.5	8660.2	8522.4	8447.2	8333.4	8219.6
5°	9739.7	9626.9	9514.2	9320.0	9124.8	8907.6	8658.1	8381.4	8172.6	7901.2	7629.7
7.5°	10118.7	9855.6	9591.4	9218.7	8845.0	8508.8	8114.1	7746.6	7433.4	7080.6	6727.7
10°	10153.1	9758.5	9362.8	8878.4	8392.9	7984.7	7530.5	7122.3	6746.5	6341.4	5935.3
12.5°	9992.3	9572.6	9151.9	8618.4	8083.9	7620.3	7131.7	6674.4	6257.9	5812.1	5365.2
15°	9652.0	9316.9	8980.7	8480.6	7980.5	7512.8	7038.8	6496.9	6026.1	5569.9	5112.6
17.5°	9195.7	9037.1	8877.3	8516.1	8153.8	7748.7	7289.4	6653.6	6102.3	5606.4	5110.5
20°	8754.1	8812.6	8870.0	8725.9	8581.9	8257.2	7856.3	7142.2	6438.5	5790.1	5140.8
22.5°	8379.3	8660.2	8940.0	9051.7	9162.3	8967.1	8653.9	7828.1	6896.8	6050.1	5203.4
25°	8107.9	8573.5	9039.1	9410.8	9781.4	9694.8	9453.6	8661.2	7504.4	6424.9	5344.3
27.5°	8040.0	8611.1	9182.2	9758.5	10333.7	10414.1	10347.3	9539.2	8229.0	6890.5	5551.1
30°	8146.5	8724.9	9302.2	10003.8	10704.4	11024.9	11114.7	10271.1	9056.9	7433.4	5808.9
32.5°	8344.9	8911.8	9478.7	10242.9	11006.1	11490.5	11776.6	10940.3	9634.2	7842.7	6050.1
35°	8665.4	9195.7	9726.1	10521.7	11317.2	11943.6	12465.6	11631.4	10146.9	8128.8	6109.6
37.5°	9227.1	9683.3	10139.5	10874.5	11608.5	12420.7	13204.8	12392.5	10701.2	8404.4	6106.5
40°	10075.9	10398.5	10720.0	11341.2	11961.4	12983.5	14042.1	13241.3	11314.1	8703.0	6091.9
42.5°	11133.5	11299.5	11464.4	11956.1	12447.9	13571.2	14802.1	14071.3	11898.7	8980.7	6062.6
45°	12230.7	12274.6	12318.4	12628.5	12937.5	14036.9	15320.0	14694.6	12409.2	9221.8	6033.4
47.5°	13364.5	13214.2	13063.8	13187.0	13310.2	14393.9	15689.6	15167.6	12921.9	9489.1	6055.3
50°	14599.6	14181.0	13762.3	13697.6	13632.8	14751.0	16124.9	15768.9	13537.8	9878.5	6219.2
52.5°	15854.5	15164.4	14474.3	14218.5	13961.7	15176.9	16702.3	16517.5	14416.9	10482.0	6546.0
55°	17005.0	16127.0	15249.0	14904.5	14559.9	15828.4	17407.0	17616.8	15543.4	11253.5	6962.6
57.5°	18123.2	17128.2	16133.3	15813.8	15494.3	16785.8	18299.6	18603.4	16681.4	11993.7	7305.0
60°	19190.2	18205.7	17220.1	16964.3	16707.5	17976.0	19264.3	19043.0	17268.1	12340.3	7411.5
62.5°	20010.8	19227.8	18444.7	18310.1	18174.3	19179.7	20005.5	18871.7	16895.4	11998.9	7102.5
65°	20356.3	19910.5	19463.7	19590.0	19715.3	20090.1	20190.3	18370.6	15724.0	11042.6	6361.2
67.5°	19363.5	19454.3	19545.1	20075.5	20604.8	20346.9	19641.2	17383.0	14056.7	9687.5	5318.2
70°	16375.5	16920.5	17464.4	18719.3	19973.2	19401.1	18170.2	15610.2	12050.1	8126.7	4202.2
72.5°	12531.4	13144.2	13756.0	15618.6	17480.1	16952.8	15445.3	12821.6	9661.4	6489.6	3316.9
75°	9073.6	9765.8	10456.9	12511.6	14566.2	13834.3	11553.1	9180.1	7338.4	4953.9	2568.3
77.5°	6463.5	6927.1	7390.6	9420.2	11448.7	10256.5	7690.3	6177.5	5079.2	3443.2	1806.2
80°	5184.6	5042.6	4900.6	6031.3	7162.0	6963.6	5086.5	3967.3	3515.2	2307.3	1099.4
82.5°	4229.3	3882.7	3536.1	4068.6	4601.0	4571.8	3529.8	2910.7	2616.3	1603.6	590.9
85°	3097.6	2958.8	2819.9	3290.8	3761.6	3359.7	2390.8	1850.0	2040.0	1180.8	321.6
87.5°	1510.7	1725.8	1939.8	2495.2	3049.6	2289.5	725.6	359.1	497.0	326.8	155.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320441
 CATALOG NUMBER: GAN-SA7B-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: P320441

CATALOG NUMBER: GAN-SA7B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4
2.5°	8135.0	8049.4	7952.3	7855.2	7744.6	7632.8	7567.1	7500.3	7428.2	7356.2	7274.7
5°	7450.1	7270.6	7067.0	6863.4	6661.9	6460.4	6351.8	6243.3	6128.4	6012.5	5912.3
7.5°	6466.7	6204.6	5922.7	5639.8	5389.2	5137.6	4982.1	4825.5	4683.5	4540.5	4420.4
10°	5601.2	5267.1	4984.2	4700.2	4511.2	4322.3	4179.2	4036.2	3898.4	3759.5	3626.9
12.5°	5031.1	4697.1	4517.5	4337.9	4181.3	4024.7	3859.7	3693.7	3504.8	3314.8	3175.9
15°	4808.8	4505.0	4305.5	4105.1	3895.2	3684.4	3481.8	3279.3	3055.9	2832.4	2674.8
17.5°	4712.7	4314.9	4036.2	3756.4	3479.7	3203.1	2968.2	2733.2	2488.9	2244.6	2084.9
20°	4611.4	4082.1	3708.4	3333.6	2978.6	2623.6	2357.4	2091.2	1873.0	1654.8	1532.6
22.5°	4519.6	3834.7	3365.9	2896.1	2476.4	2056.7	1795.7	1533.7	1400.0	1266.4	1217.3
25°	4482.0	3618.6	3042.3	2466.0	2023.3	1579.6	1393.8	1207.9	1156.8	1104.6	1079.5
27.5°	4488.3	3425.4	2769.8	2113.1	1714.3	1315.5	1188.1	1060.7	1029.4	997.0	981.4
30°	4512.3	3215.6	2513.0	1810.3	1481.5	1152.6	1070.1	986.6	953.2	919.8	899.9
32.5°	4539.4	3027.7	2314.6	1600.5	1332.2	1062.8	995.0	926.0	893.7	861.3	841.5
35°	4492.4	2874.2	2178.9	1483.6	1236.1	987.6	930.2	871.8	836.3	800.8	782.0
37.5°	4413.1	2719.7	2073.4	1426.1	1173.5	919.8	878.0	835.2	798.7	761.1	743.3
40°	4341.0	2589.2	1995.1	1400.0	1139.0	877.0	841.5	806.0	768.4	729.8	708.9
42.5°	4282.6	2501.5	1917.9	1334.3	1107.7	880.1	830.0	778.8	742.3	705.8	682.8
45°	4238.7	2444.1	1857.3	1270.6	1078.5	886.4	822.7	759.0	722.5	684.9	657.7
47.5°	4234.6	2413.8	1814.5	1215.2	1023.1	830.0	803.9	777.8	724.6	670.3	638.9
50°	4292.0	2364.7	1764.4	1163.0	969.9	776.8	812.2	846.7	755.9	664.0	624.3
52.5°	4412.0	2278.1	1685.1	1092.0	905.2	717.2	772.6	826.9	748.6	669.2	618.1
55°	4557.2	2150.7	1565.0	978.2	819.6	659.8	708.9	756.9	707.8	657.7	596.1
57.5°	4648.0	1989.9	1413.6	837.3	723.5	609.7	637.9	665.0	645.2	625.4	562.7
60°	4593.7	1775.9	1243.4	709.9	638.9	567.9	562.7	556.5	585.7	614.9	542.9
62.5°	4328.5	1554.5	1093.1	631.6	578.4	524.1	512.6	500.1	548.1	595.1	518.9
65°	3880.6	1400.0	998.1	596.1	536.6	477.1	464.6	452.1	466.7	481.3	445.8
67.5°	3311.6	1305.0	943.8	582.6	510.5	437.4	422.8	408.2	405.1	401.9	389.4
70°	2724.9	1246.6	908.3	570.0	482.3	393.6	380.0	366.5	362.3	357.1	347.7
72.5°	2278.1	1239.3	904.1	569.0	459.4	349.7	337.2	324.7	319.5	313.2	305.9
75°	1865.7	1163.0	858.2	553.3	428.0	301.7	290.2	278.8	274.6	269.4	263.1
77.5°	1384.4	962.6	721.4	480.3	366.5	252.7	241.2	228.6	227.6	225.5	220.3
80°	897.9	696.4	515.7	335.1	267.3	198.4	189.0	178.5	179.6	180.6	176.4
82.5°	499.0	406.1	315.3	224.5	182.7	140.9	136.8	131.5	134.7	136.8	131.5
85°	263.1	204.6	169.1	133.6	105.4	77.3	77.3	76.2	80.4	84.6	80.4
87.5°	113.8	72.0	61.6	50.1	28.2	5.2	6.3	6.3	8.4	10.4	9.4
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: P320441
 CATALOG NUMBER: GAN-SA7B-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: P320441

CATALOG NUMBER: GAN-SA7B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4
2.5°	7192.3	7116.1	7038.8	6954.2	6969.9	6905.2	6840.4	6799.7	6759.0	6746.5	6733.9
5°	5812.1	5725.4	5637.7	5559.4	5627.3	5581.3	5535.4	5529.1	5521.8	5521.8	5520.8
7.5°	4300.3	4207.4	4113.4	4048.7	4115.5	4107.2	4098.8	4143.7	4188.6	4225.2	4260.7
10°	3494.3	3381.6	3267.8	3171.7	3155.0	3107.0	3057.9	3068.4	3077.8	3117.4	3157.1
12.5°	3037.1	2902.4	2767.7	2654.9	2603.8	2524.4	2444.1	2393.9	2343.8	2349.0	2353.2
15°	2516.1	2385.6	2254.0	2156.9	2124.6	2063.0	2001.4	1938.7	1875.1	1849.0	1821.8
17.5°	1924.1	1819.7	1714.3	1649.6	1649.6	1631.8	1614.1	1582.7	1550.4	1524.3	1497.1
20°	1410.5	1355.1	1298.8	1271.6	1280.0	1281.0	1281.0	1296.7	1312.3	1304.0	1295.6
22.5°	1167.2	1147.4	1127.5	1116.1	1120.2	1121.3	1122.3	1136.9	1150.5	1161.0	1170.3
25°	1053.4	1040.9	1028.4	1024.2	1033.6	1034.6	1034.6	1044.0	1053.4	1063.9	1074.3
27.5°	964.7	959.5	954.2	946.9	956.3	956.3	955.3	965.7	975.1	984.5	992.9
30°	880.1	882.2	883.2	881.2	887.4	891.6	894.7	902.0	908.3	915.6	922.9
32.5°	820.6	817.5	814.3	812.2	825.8	833.1	840.4	847.7	854.0	857.1	860.3
35°	763.2	755.9	748.6	743.3	755.9	765.3	774.7	788.2	800.8	802.9	804.9
37.5°	724.6	715.2	705.8	699.5	704.7	708.9	713.1	727.7	742.3	750.7	758.0
40°	688.0	678.6	669.2	664.0	667.1	668.2	669.2	676.5	682.8	698.5	713.1
42.5°	658.8	647.3	635.8	629.5	631.6	633.7	634.8	633.7	632.7	647.3	661.9
45°	629.5	617.0	604.5	597.2	598.2	598.2	598.2	596.1	593.0	600.3	607.6
47.5°	606.6	592.0	577.3	570.0	567.9	565.9	563.8	562.7	560.6	565.9	570.0
50°	583.6	567.9	551.2	542.9	537.7	535.6	533.5	532.5	530.4	535.6	539.8
52.5°	565.9	547.1	528.3	514.7	509.5	506.4	503.2	504.3	504.3	506.4	507.4
55°	534.5	517.8	500.1	490.7	481.3	479.2	477.1	480.3	482.3	482.3	482.3
57.5°	500.1	484.4	467.7	461.5	453.1	453.1	452.1	456.2	459.4	461.5	463.5
60°	469.8	452.1	434.3	429.1	426.0	424.9	423.9	429.1	433.3	437.4	441.6
62.5°	441.6	422.8	404.0	397.8	396.7	397.8	397.8	403.0	407.2	411.3	415.5
65°	410.3	391.5	371.7	365.4	367.5	370.6	373.8	377.9	381.1	385.2	389.4
67.5°	375.8	360.2	343.5	337.2	338.3	342.4	346.6	349.7	351.8	356.0	360.2
70°	338.3	324.7	311.1	306.9	305.9	311.1	315.3	317.4	319.5	324.7	328.9
72.5°	297.5	286.1	274.6	271.4	272.5	275.6	278.8	281.9	284.0	289.2	293.4
75°	255.8	245.3	234.9	232.8	234.9	238.0	241.2	243.3	245.3	251.6	256.8
77.5°	215.1	203.6	191.1	190.0	193.1	196.3	198.4	201.5	204.6	213.0	221.3
80°	172.3	159.7	146.2	145.1	148.3	151.4	154.5	157.6	160.8	171.2	180.6
82.5°	126.3	111.7	97.1	95.0	105.4	108.6	111.7	116.9	121.1	130.5	139.9
85°	76.2	61.6	47.0	45.9	55.3	60.6	65.8	72.0	77.3	85.6	94.0
87.5°	8.4	4.2	0.0	0.0	1.0	5.2	9.4	14.6	19.8	28.2	35.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320441
 CATALOG NUMBER: GAN-SA7B-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: P320441

CATALOG NUMBER: GAN-SA7B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4
2.5°	6688.0	6641.0	6689.0	6736.0	6755.9	6775.7	6724.5	6672.3	6753.8	6834.2	6855.0
5°	5479.0	5436.2	5468.6	5499.9	5430.0	5360.0	5352.7	5344.3	5404.9	5465.5	5474.9
7.5°	4247.1	4233.5	4263.8	4294.1	4205.3	4115.5	4071.7	4027.8	4042.5	4057.1	4055.0
10°	3166.5	3174.9	3212.5	3249.0	3180.1	3111.2	3080.9	3050.6	3084.0	3116.4	3146.7
12.5°	2372.0	2389.8	2429.4	2468.1	2439.9	2410.6	2413.8	2416.9	2455.5	2493.1	2526.5
15°	1842.7	1863.6	1891.8	1918.9	1920.0	1920.0	1947.1	1973.2	1970.1	1966.9	1989.9
17.5°	1525.3	1552.5	1555.6	1558.7	1559.8	1560.8	1558.7	1556.6	1541.0	1525.3	1543.1
20°	1306.1	1315.5	1323.8	1331.1	1321.7	1311.3	1285.2	1259.1	1248.7	1238.2	1254.9
22.5°	1188.1	1204.8	1196.4	1187.1	1168.3	1148.4	1128.6	1107.7	1106.7	1104.6	1114.0
25°	1088.9	1102.5	1087.9	1073.3	1059.7	1046.1	1032.5	1019.0	1017.9	1016.9	1021.1
27.5°	1006.4	1019.0	1005.4	991.8	980.3	968.9	958.4	948.0	945.9	943.8	944.8
30°	935.4	946.9	935.4	922.9	914.6	905.2	897.9	890.6	889.5	888.5	888.5
32.5°	871.8	883.2	874.9	866.5	859.2	851.9	846.7	841.5	836.3	831.0	819.6
35°	816.4	827.9	822.7	816.4	808.1	799.7	790.3	779.9	766.3	751.7	745.4
37.5°	769.4	780.9	775.7	770.5	759.0	747.5	730.8	713.1	708.9	703.7	702.6
40°	731.9	749.6	739.2	727.7	709.9	692.2	683.8	675.5	673.4	671.3	669.2
42.5°	690.1	717.2	698.5	679.7	663.0	646.2	644.2	642.1	641.0	640.0	640.0
45°	637.9	667.1	648.3	628.5	619.1	609.7	609.7	609.7	610.8	610.8	612.8
47.5°	588.8	606.6	597.2	587.8	582.6	577.3	578.4	579.4	582.6	584.7	589.9
50°	547.1	553.3	555.4	556.5	553.3	550.2	552.3	553.3	556.5	558.6	562.7
52.5°	516.8	526.2	526.2	525.1	525.1	525.1	527.2	529.3	532.5	535.6	539.8
55°	497.0	510.5	506.4	502.2	503.2	503.2	505.3	507.4	510.5	512.6	518.9
57.5°	478.2	492.8	488.6	484.4	484.4	484.4	485.5	486.5	489.6	491.7	495.9
60°	456.2	470.9	466.7	461.5	462.5	463.5	464.6	464.6	466.7	467.7	467.7
62.5°	430.1	444.8	440.6	435.4	438.5	440.6	440.6	440.6	442.7	443.7	440.6
65°	403.0	416.6	412.4	408.2	412.4	415.5	417.6	418.7	417.6	416.6	413.4
67.5°	373.8	387.3	383.2	377.9	383.2	387.3	391.5	394.6	391.5	388.4	384.2
70°	342.4	356.0	350.8	345.6	350.8	356.0	360.2	364.4	360.2	356.0	355.0
72.5°	309.0	324.7	318.4	312.2	318.4	324.7	326.8	328.9	325.7	322.6	320.5
75°	272.5	288.2	282.9	276.7	281.9	287.1	288.2	289.2	289.2	288.2	281.9
77.5°	233.9	246.4	243.3	240.1	243.3	246.4	246.4	246.4	247.4	247.4	239.1
80°	187.9	195.2	196.3	197.3	198.4	199.4	198.4	197.3	195.2	193.1	187.9
82.5°	139.9	139.9	148.3	155.6	155.6	154.5	153.5	151.4	147.2	142.0	130.5
85°	88.7	83.5	97.1	109.6	109.6	108.6	106.5	103.4	95.0	85.6	76.2
87.5°	30.3	25.1	38.6	52.2	53.2	53.2	51.2	49.1	40.7	31.3	24.0
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: P320441
 CATALOG NUMBER: GAN-SA7B-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: P320441

CATALOG NUMBER: GAN-SA7B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4
2.5°	6886.4	6899.9	6912.5	7014.8	7116.1	7235.1	7354.1	7444.9	7534.7	7627.6	7720.5
5°	5507.2	5523.9	5540.6	5664.9	5788.1	5954.1	6120.1	6263.1	6406.1	6574.2	6742.3
7.5°	4082.1	4118.7	4154.2	4286.8	4418.3	4596.8	4774.3	4961.2	5147.0	5366.3	5585.5
10°	3206.2	3275.1	3343.0	3478.7	3614.4	3790.8	3966.2	4161.5	4356.7	4572.8	4787.9
12.5°	2595.4	2687.3	2778.1	2941.0	3103.9	3314.8	3524.6	3741.8	3957.9	4147.9	4337.9
15°	2050.5	2150.7	2249.9	2422.1	2594.4	2826.2	3056.9	3293.9	3529.8	3757.4	3985.0
17.5°	1599.4	1681.9	1763.4	1909.5	2054.6	2279.1	2503.6	2752.0	3000.5	3278.2	3554.9
20°	1290.4	1324.9	1359.3	1464.8	1569.2	1751.9	1933.5	2187.2	2440.9	2772.9	3104.9
22.5°	1130.7	1148.4	1165.1	1216.3	1266.4	1384.4	1501.3	1725.8	1949.2	2311.5	2672.7
25°	1034.6	1048.2	1061.8	1095.2	1128.6	1185.0	1241.3	1399.0	1556.6	1912.6	2267.6
27.5°	948.0	968.9	988.7	1004.3	1019.0	1057.6	1095.2	1198.5	1301.9	1633.9	1964.8
30°	885.3	892.6	899.9	924.0	946.9	986.6	1026.3	1098.3	1170.3	1451.2	1731.0
32.5°	812.2	822.7	833.1	858.2	883.2	919.8	956.3	1014.8	1072.2	1312.3	1551.4
35°	746.5	756.9	767.4	792.4	816.4	856.1	894.7	943.8	991.8	1200.6	1409.4
37.5°	705.8	716.2	726.6	748.6	769.4	809.1	847.7	886.4	924.0	1117.1	1310.2
40°	671.3	681.7	692.2	713.1	732.9	771.5	809.1	841.5	873.8	1054.5	1235.1
42.5°	641.0	652.5	664.0	684.9	704.7	739.2	773.6	816.4	858.2	1000.2	1141.1
45°	616.0	627.5	637.9	660.9	683.8	717.2	750.7	810.2	869.7	972.0	1074.3
47.5°	593.0	605.5	617.0	642.1	667.1	708.9	749.6	799.7	848.8	950.1	1051.3
50°	571.1	585.7	600.3	630.6	659.8	729.8	798.7	806.0	812.2	932.3	1051.3
52.5°	550.2	566.9	583.6	621.2	657.7	739.2	820.6	794.5	767.4	898.9	1030.4
55°	529.3	543.9	557.5	603.4	649.4	708.9	768.4	733.9	698.5	836.3	974.1
57.5°	501.1	516.8	531.4	580.5	629.5	671.3	712.0	680.7	648.3	765.3	881.2
60°	471.9	489.6	507.4	570.0	631.6	624.3	616.0	609.7	602.4	685.9	769.4
62.5°	445.8	464.6	483.4	564.8	646.2	596.1	546.0	551.2	555.4	617.0	678.6
65°	419.7	438.5	456.2	497.0	537.7	517.8	498.0	506.4	513.7	574.2	634.8
67.5°	390.5	407.2	422.8	436.4	450.0	452.1	454.1	462.5	470.9	542.9	613.9
70°	358.1	371.7	385.2	394.6	403.0	407.2	410.3	420.7	431.2	509.5	587.8
72.5°	321.6	333.0	343.5	351.8	360.2	363.3	365.4	375.8	386.3	469.8	553.3
75°	281.9	291.3	299.6	306.9	314.3	318.4	322.6	329.9	337.2	428.0	517.8
77.5°	238.0	247.4	255.8	262.0	267.3	271.4	274.6	284.0	293.4	369.6	444.8
80°	185.8	197.3	207.8	213.0	217.2	218.2	218.2	226.6	234.9	289.2	342.4
82.5°	131.5	144.1	155.6	159.7	163.9	163.9	163.9	173.3	182.7	219.2	254.7
85°	77.3	90.8	103.4	107.5	111.7	113.8	114.8	119.0	122.2	148.3	173.3
87.5°	24.0	35.5	45.9	48.0	50.1	54.3	58.5	59.5	59.5	77.3	95.0
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: P320441
 CATALOG NUMBER: GAN-SA7B-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: P320441

CATALOG NUMBER: GAN-SA7B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4	7955.4
2.5°	7827.0	7933.5	8057.8	8181.0	8286.4	8391.8	8479.5
5°	6956.3	7170.3	7432.4	7693.4	7926.2	8159.0	8429.4
7.5°	5862.2	6138.8	6478.2	6817.5	7146.3	7474.2	7889.7
10°	5069.8	5350.6	5709.8	6067.9	6437.4	6806.0	7275.8
12.5°	4566.6	4794.1	5141.8	5489.5	5923.8	6357.1	6809.1
15°	4234.6	4483.0	4821.3	5159.6	5634.6	6109.6	6629.5
17.5°	3880.6	4205.3	4638.6	5071.9	5634.6	6196.3	6809.1
20°	3510.0	3914.0	4475.7	5037.4	5795.4	6552.3	7334.3
22.5°	3140.4	3608.1	4328.5	5047.8	6038.6	7028.4	8083.9
25°	2807.4	3347.1	4238.7	5129.3	6392.5	7654.8	8964.0
27.5°	2554.7	3143.6	4202.2	5259.8	6841.5	8423.2	9921.3
30°	2330.3	2929.5	4158.3	5387.2	7273.7	9159.2	10669.9
32.5°	2136.1	2720.7	4073.8	5425.8	7575.4	9725.1	11303.6
35°	1983.6	2557.9	3931.8	5305.7	7764.4	10223.1	11963.4
37.5°	1852.1	2393.9	3770.0	5146.0	7932.5	10719.0	12705.7
40°	1726.8	2218.5	3631.1	5042.6	8164.3	11285.9	13489.8
42.5°	1607.8	2074.5	3519.4	4964.3	8379.3	11793.3	14175.7
45°	1519.1	1963.8	3420.2	4875.6	8518.2	12160.8	14692.5
47.5°	1475.2	1898.0	3367.0	4834.9	8657.0	12478.2	15121.6
50°	1468.9	1886.5	3427.5	4968.5	8957.7	12945.9	15612.3
52.5°	1467.9	1905.3	3601.9	5298.4	9516.3	13733.1	16143.7
55°	1446.0	1916.8	3809.6	5701.4	10265.9	14829.3	17099.0
57.5°	1379.2	1877.2	4023.7	6169.1	11058.3	15946.4	18175.4
60°	1275.8	1781.1	4200.1	6618.1	11590.7	16562.4	18589.9
62.5°	1146.3	1613.0	4258.6	6903.1	11576.1	16249.2	18172.2
65°	1035.7	1436.6	4066.5	6695.3	10990.4	15284.5	17346.4
67.5°	937.5	1260.1	3586.2	5911.3	9937.0	13961.7	16296.1
70°	866.5	1144.2	2967.1	4790.0	8618.4	12445.8	15079.9
72.5°	821.6	1088.9	2419.0	3748.0	6993.9	10238.7	12898.9
75°	760.0	1002.3	1898.0	2792.8	5352.7	7912.6	9742.8
77.5°	645.2	844.6	1430.3	2016.0	3927.6	5838.2	6775.7
80°	498.0	652.5	983.5	1314.4	2703.0	4091.5	4619.8
82.5°	355.0	455.2	596.1	737.1	1795.7	2853.3	2897.2
85°	219.2	265.2	341.4	417.6	1188.1	1958.6	1631.8
87.5°	118.0	140.9	180.6	219.2	380.0	540.8	311.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320441
 CATALOG NUMBER: GAN-SA7B-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)